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The Shenandoah Nurseries

(LAKES)

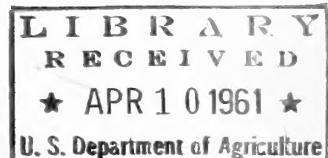
Shenandoah, Iowa

BULLETIN NO. 2

WITH GRADE COUNTS



March 29, 1961



ORDER TODAY

LONG DISTANCE PHONES

406 - 407

A DEPENDABLE SOURCE FOR QUALITY NURSERY STOCK
FOR 90 YEARS

TERMS AND CONDITIONS OF SALE

TERMS—1% discount for cash if paid on or before 10th of month following date of invoice and is due **NET** 30 days thereafter.

Cash security, or satisfactory reference is required from parties unknown to us. Orders to be sent C. O. D. should be accompanied by one-fourth cash. Interest charged on past due accounts.

PRICES—EXCEPTING PATENTED ITEMS. Fruit Trees, Shade Trees, Shrubs, Roses, Evergreens, Vines and Perennials (including Peonies and Lilies) as follows:

300 or more take 1000 rates where published.

30 to 300 take 100 rates where published.

Under 30 take 10 rates.

PATENTED ITEMS — See individual headings.

All grades and varieties in any one class (except Patented Varieties) are allowed to make up total. Example: All kinds of fruit trees will be considered as one class and all varieties of shrubs as one class, etc.

SMALL FRUITS, HEDGING, PRIVET and LINING OUT STOCK

300 of same variety and grade take 1000 rates.

Under 300 of same variety and grade take 100 rates.

BROKEN LOTS—The wholesale prices in this list apply only on Wholesale Quantities. Orders should call for **TEN OF A KIND** and size, and beyond that for multiples of ten. **ORDERS FOR BROKEN LOTS CANNOT BE ACCEPTED.**

NOTICE — The prices named in this list cancel all previous lists and are **SUBJECT TO CHANGE WITHOUT NOTICE**. All sales and contracts are made subject to crop condition and on condition that same shall be void should injury befall our stock from hail, fire, frost, error in count or other causes beyond our control.

All orders are accepted without liability for non-performance if labor shortages or delay in transportation should prevent us from making delivery.

SHIPPING—We request customers to give definite shipping instructions regarding manner in which they wish goods shipped. In the absence of special instructions we use our best judgment, but without assuming responsibility.

ALL SHIPMENTS TRAVEL AT RISK AND EXPENSE OF PURCHASER.

TRUCK DELIVERY—We are able to give truck service on full loads to many points at equal or lower than local freight rates. This means delivery to your door. Some customers prefer to employ their own trucks which is satisfactory; but in this case, we will appreciate two or three days advance notice—giving us ample time to have your stock ready for loading.

PACKING—No charge for packing bulk cars. Bales and boxes will be charged actual cost of material and labor used.

CLAIMS—For any cause must be made promptly upon receipt of goods. We will not entertain claims after goods have been accepted, or when report is not made in writing within ten days after arrival of stock.

GUARANTEE—We give no warranty, expressed or implied, as to life, description, quality, productiveness, or any other matter of any nursery stock, seeds or plants that we sell and will not be in any way responsible for the results secured in transplanting. It is mutually agreed that our total liability for any errors, should stock prove untrue to name as labeled, shall be limited upon satisfactory proof, to our replacing free or refunding purchase price.



THE SHENANDOAH NURSERIES

D. S. LAKE, President



Please note that calipers shall govern the size of fruit trees. The height given below represents the average height of most varieties.

All Fruit Trees are tied: 11/16 and 9/16, 10; 7/16 and 5/16, 20 per bundle.

APPLE and CRAB

	Per 10	Per 100	Per 1000		
	1"	11/16"	9/16"	7/16"	5/16"
Standard First Class, 5 ft. and up, 1 in. and up.....	\$11.00	\$100.00	\$950.00		
Standard First Class, 4½ ft. and up, 11/16 to 1 in.....	9.50	90.00	850.00		
Standard First Class, 4 ft. and up, 9/16 to 11/16 in.....	8.50	80.00	750.00		
Standard First Class, 3 ft. and up, 7/16 to 9/16 in.....	6.50	60.00	550.00		
Standard First Class, 2 ft. and up, 5/16 to 7/16 in.....	4.00	35.00	300.00		
Anoka	480	1300	200	50	---
Baldwin	1000	400	100	---	---
Beacon	150	1500	200	---	50
Cortland	120	300	90	250	100
Delicious Dark Red	300	9000	2500	200	370
Delicious Yellow	70	9000	2000	600	240
Duchess Dark Red		90	200	200	130
Early Harvest	30	200	260	80	---
Fameuse	100	40	---	---	---
Fireside	570	900	120	70	60
Grimes Golden	250	2000	200	100	170
Haralson			350	900	340
Hawkeye Greening	50	290	40	---	---
Hibernal	60	900	260	140	---
Hyslop	390	520	60	50	---
Idared		800	600	200	---
Joan	110	180	50	---	---
Jonathan Dark Red	110	3100	360	530	480
Lodi		450	50	70	40
Maiden Blush	90	180	40	---	---
McIntosh Dark Red	800	1600	400	100	260
McIntosh Early	280	200	80	---	---
Minjon	180	850	150	80	60
Monroe		100	150	70	---
Northern Red Spy	160	920	140	90	---
Northwest Greening	400	1000	120	50	40
Red June	50	1120	490	230	90
Redwell		150	40	40	---
Roman Stem		100	40	---	---
Rome Beauty Red		980	400	120	40
Sharon	50	180	40	40	---
Stayman Dark Red	140	1200	900	100	---
Tolman Sweet	70	180	40	---	---
Turley	280	270	200	60	---
Victory	100	100	40	---	---
Virginia	200	1000	180	60	---
Wealthy	100	2200	740	90	60
Whitney	200	1800	780	300	60
Winesap Dark Red		360	280	100	60
Yellow Transparent	60	2200	460	100	100

APPLE**New and Patented Varieties****CONNELL RED****Plant Patent No. 1602**

Early bearing Red Sport of Fireside. Smooth round fruit of dark red, clings well until late harvest. Sub-acid flavor excellent for dessert, sauce and salad. Stores well.

		10-29	30-99	100-up
		Each	Each	Each
400	5 ft. and up, 1 in. and up		\$ 2.10	\$ 1.90
100	4½ ft. and up, 11/16 in. and up		1.65	1.50
SUGGESTED RETAIL	EACH	Per 3	Per 12	Per 100 Per 500
		Each	Each	Each
11/16 in.		\$ 3.00	\$ 2.75	\$ 2.50 \$ 2.00 \$ 1.90

JONADEL

Tree resembles Jonathan in form and character. Fruit larger than Jonathan, bright red, smooth and good handling quality. Flesh is firm, crisp and juicy. Flavor milder than Jonathan but more acid than Delicious.

		Per 10	Per 100
		Each	Each
200	5 ft. and up, 1 in. and up	\$ 1.25	\$ 1.20
400	4½ ft. and up, 11/16 in. and up	1.10	1.00
100	4 ft. and up, 9/16 to 11/16 in.	.90	.80
140	3 ft. and up, 7/16 to 9/16 in.	.70	.65
60	2 ft. and up, 5/16 to 7/16 in.	.60	.55

APPLE — DWARF

Dwarfing stock is Malling No. 2, 7 and 9. Order desired understock or we will ship any available and indicate type booked.

ONE YEAR		Per 10	Per 100
4 ft. and up, 11/16 in. and up		\$19.00	\$175.00
3½ ft. and up, 9/16 to 11/16 in.		16.50	150.00
2½ ft. and up, 7/16 to 9/16 in.		14.00	125.00
2 ft. and up, 5/16 to 7/16 in.		10.00	90.00
	11/16"	9/16"	7/16" 5/16"
Anoka	280	200	140 50
Beacon			120 150
Delicious Dark Red	400	110	— 380
Delicious Yellow	1200	700	500 300
Fireside	80	40	40 40
Jonathan		400	2600 1200
Stayman Dark Red	100	—	— 70
Yellow Transparent			500 470

APPLE — QUINTUPLE

Our 5-N-1 Apple are budded to a strong two-year graft and then grown another full year to producing a strongly branched tree of five varieties. Following varieties.

Delicious Dark Red McIntosh Dark Red	Stayman Dark Red	Yellow Delicious Yellow Transparent	Per 10	Per 100	Per 1000
2300 Three Years, 1 in. and up			\$25.00	\$225.00	\$2000.00
1200 Three Years, 11/16 to 1 in.			20.00	185.00	1600.00
100 Three Years, 9/16 to 11/16 in.			18.00	165.00	—

Available on either Beacon, Fireside or Yellow Delicious

APPLE — SEMI-DWARF

Deacon, truly a semi-dwarf tree of height to 12 feet. Produced by the Missouri State Experimental Station. Combines the Jonathan and Delicious flavor in a full sized, dark red fruit. Hardiness similar to Red Delicious.

		Per 10	Per 100	Per 1000
260	1 in. and up	\$16.50	\$150.00	\$.....
1300	11/16 in. and up	13.50	120.00	1100.00
200	9/16 to 11/16 in.	10.00	90.00	850.00
100	7/16 to 9/16 in.	7.50	70.00	650.00
60	5/16 to 7/16 in.	5.50	50.00	.....

APRICOTS

	Per 10		Per 100	
	11/16"	9/16"	7/16"	5/16"
3 ft. and up, 9/16 to 11/16 in.	\$11.00	\$.....	\$.....	\$.....
2½ ft. and up, 7/16 to 9/16 in.	7.50	70.00	.....	.....
2 ft. and up, 5/16 to 7/16 in.	5.00	45.00	.....	.....
Chinese Early Golden	90	500	500	.....
Moorpark .....	.....	120	50	.....
Superb .....	.....	60	70	.....

CHERRY — SWEET

ONE and TWO YEAR. Please specify.

	Per 10		Per 100	
	11/16"	9/16"	7/16"	5/16"
4½ ft and up, 11/16 in. and up	\$16.50	\$150.00	.....	.....
4 ft. and up, 9/16 to 11/16 in.	14.00	125.00	.....	.....
3 ft. and up, 7/16 to 9/16 in.	11.00	100.00	.....	.....
2 ft. and up, 5/16 to 7/16 in.	8.50	80.00	.....	.....
Governor Wood	140	100	90	.....
Kansas Sweet	100	300	120	280
Yellow Glass .....	.....	180	40	50
Yellow Spanish	80	130	.....	.....

CHERRY — IMPROVED BESSEY

Prunus besseyi Improved. Referred to as Hansen Bush Cherry. The fruit is large and sweet and shaped like a plum. Very hardy, and bears well in poor soil. Will bear fruit the first year planted.

	Per 10	Per 100	Per 1000
200 2 to 3 ft. transplants	\$ 4.00	\$ 35.00	\$.....
600 12 to 18 in. transplants	3.00	25.00	200.00
1400 9 to 12 in.	2.50	20.00	150.00

PEAR — STANDARD**TWO YEAR**

		Per 10	Per 100	Per 1000
5 ft. and up, 7/8 in. and up.		\$13.50	\$120.00	\$---
4½ ft. and up, 11/16 to 7/8 in.		11.00	100.00	900.00
4 ft. and up, 9/16 to 11/16 in.		9.00	85.00	800.00
3 ft. and up, 7/16 to 9/16 in.		7.50	70.00	---
2 ft. and up, 5/16 to 7/16 in.		5.00	45.00	---

	1"	11/16"	9/16"	7/16"	5/16"
Bantam		80	350	200	140
Bartlett		200	100	270	140
Beurre de Anjou			110	70	---
Clapp Favorite			150	90	---
Douglas		500	150	50	---
Golden Spice	120	400	60	---	---
Kieffer	400	500	280	100	60
Orient			100	60	60
Seckel		1070	880	480	330

PEAR — DWARF**TWO YEAR**

		Per 10	Per 100
4½ ft. and up, 7/8 in. and up.		\$22.50	\$200.00
4 ft. and up, 11/16 in. and up		19.00	175.00
3½ ft. and up, 9/16 to 11/16 in.		16.50	150.00
3 ft. and up, 7/16 to 9/16 in.		14.00	125.00
2 ft. and up, 5/16 to 7/16 in.		11.00	100.00

	7/8"	11/16"	9/16"	7/16"	5/16"
Bartlett		170	470	1900	500
Beurre de Anjou	30	400	100	---	---
Clapp's Favorite	600	200	70	110	---
Kieffer			90	140	60
Patten			100	100	90

QUADRUPLET PEAR

Our 4-N-1 Pear are Shenandoah grown, budded to two year buds and then grown another year, producing a nice branched tree. Following varieties. Bartlett, Clapp Favorite, Douglas, Kieffer or Seckel. Available on Kieffer or Seckel.

	Per 10	Per 100	Per 1000
80 Three Years, 9/16 to 11/16 in.	\$14.00	\$125.00	\$---
600 Three Years, 7/16 to 9/16 in.	11.00	100.00	900.00
160 Three Years, 5/16 to 7/16 in.	8.50	80.00	---

PLUM**AMERICAN and HARDY HYBRIDS**

(On Native Roots)

ONE YEAR, All branched.

	Per 10	Per 100	Per 1000
4½ ft. and up, 11/16 in. and up	\$11.00	\$100.00	\$---
4 ft. and up, 9/16 to 11/16 in.	9.00	85.00	---
3 ft. and up, 7/16 to 9/16 in.	7.50	70.00	---
2 ft. and up, 5/16 to 7/16 in.	5.00	45.00	---
	11/16"	9/16"	7/16"
Ember	200	40	---
Golden Rod	130	280	150
Monitor	50	250	50
Opata			70
Sapa		50	90
Toka	140	---	130
Underwood		270	50

SMALL FRUITS AND MISCELLAENOUS GARDEN PLANTS**ASPARAGUS, Tied 25 per bundle.****Mary Washington**

		Per 100	Per 1000
30000	2 yr. No. 1.....	\$ 3.30	\$ 30.00
60000	1 yr. No. 1.....	2.25	20.00

BLACKBERRY, Tied 25 per bundle.**Early Harvest, very early.**

250	No. 1	6.50	60.00
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Ebony King, new, hardy, heavy producer.

2000	No. 1	15.00	120.00
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BOYSENBERRY

4000	Thornless, tip plants.....	8.00	70.00
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CURRENT, Tied No. 1, 25; No. 2, 50 per bundle.

Red Lake , light red berries in long clusters. Thrifty and extremely productive.			
300	2 yr. No. 1.....	24.00	200.00

GOOSEBERRY, Tied 25 per bundle.**Pixwell, large red fruit borne on long stems. Vigorous grower. Very hardy.**

180	2 yr. No. 1	40.00
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GRAPE VINES, Tied; 2 yr. No. 1, 50; 2 yr. No. 2, 100 per bundle.

Caco , red, large fruit, delicious spicy flavor. Bears young, heavily and regularly.			
Ripens September first.			

1200	1 yr. No. 1	21.00	180.00
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Concord, black. Large bunches of tender, juicy fruit.

800	2 yr. No. 1	21.00	180.00
3500	1 yr. No. 1	17.00	140.00

Delaware, red. Early. Small bunches and berries.

1000	2 yr. No. 1	27.00	240.00
1000	1 yr. No. 1	21.00	180.00

Fredonia , black. Early. Three weeks ahead of Concord. Large clusters of deliciously flavored fruit. Vigorous and hardy.			
150	2 yr. No. 1	24.00

1900	1 yr. No. 1	19.00
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Moore Early, black.

380	2 yr. No. 1	24.00	200.00
500	1 yr., No. 1	19.00	160.00

Niagara, white. Tangy, flavorful fruit. Large bunches.

100	2 yr. No. 1	24.00	200.00
1300	1 yr. No. 1	19.00	160.00

SMALL FRUIT AND MISCELLANEOUS GARDEN PLANTS—Continued

Per 100 Per 1000

HORSERADISH

Crowns	\$ 8.00	\$ 75.00
Cuttings	4.50	40.00

RASPBERRY, Tied 25 per bundle.

Blackhawk, new hybrid black, originated by Iowa State College. Large, juicy, and rich flavor.

1400 No. 1 tips	14.00	120.00
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Cumberland, black cap, large and juicy.

4000 No. 1 tips	7.00	65.00
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Indian Summer, large high-quality, everbearing red.

4000 No. 1 suckers	9.00	85.00
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Latham, late, large, productive red.

1000 No. 1 suckers	8.50	80.00
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Sodus, late, very large purple raspberry. Extremely productive.

900 No. 1	8.50	80.00
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RHUBARB

Chipman Canada Red, sweet and excellent flavor. Stem dark red throughout.

Per 10 Per 100

200 No. 1 division	\$ 4.50	\$ 40.00
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Victoria, whole root.

Per 100 Per 1000

6000 2 yr. 1½ in. and up	\$11.00	\$100.00
9700 2 yr. 1 to 1½ in.	8.00	75.00
5800 1 yr. ½ to 1 in.	6.50	60.00
10000 1 yr. ½ to ½ in.	4.50	40.00

FRUIT TREE STOCKS

Per 100 Per 1000

MALUS

Apple Seedlings, Washington grown.

15000 No. 1, 3/16 in. and up, straight	\$ 4.70	\$ 42.00
15000 No. 2, 2/16 to 3/16 in., branched	3.50	30.00

QUINCE

Angers Rooted Cuttings, Washington grown.

900 ¼ in. and up	7.20	65.00
7700 No. 1, 3/16 to ¼ in.	6.70	60.00

Nut, Ornamental and Shade Trees

Our nut, shade and ornamental trees are first class, well shaped, young and vigorous. They have been grown from seedlings transplanted into the nursery row especially for this purpose, and from buds or grafts.

All calipers are taken 6 inches above the collar. Size listed following the name is considered average mature size normally attained.

ACER

platanoides. Norway Maple. 90 feet. Zone 4.

Forms a round head with large, deep green leaves. Yellow fall foliage. Very hardy and transplants easily.

		Per 10	Per 100	Per 1000
90	4 to 5 ft., whips.....	\$ 5.50	\$ 50.00	\$
120	5 to 6 ft., whips.....	7.50	70.00	
300	6 to 7 ft., whips.....	9.00	85.00	
140	7 to 8 ft., whips	10.00	90.00	
70	5 to 6 ft., branched	19.00	175.00	
80	6 to 8 ft., branched	28.00	250.00	
200	8 to 10 ft., branched	32.50	300.00	
300	1½ to 1½ in. cal.	40.00	375.00	
570	1½ to 1¾ in. cal.....	50.00	475.00	
290	1¾ to 2 in. cal.....	60.00	575.00	

platanoides Crimson King. Crimson King Maple. Pat. No. 735. Zone 5.

Hardy, improved form of Schwedler Maple. Leaves are deep purplish red throughout entire spring and summer.

		10-49	50-99
		each	each
50	4 to 5 ft., whips.....	\$ 1.60	\$ 1.45
120	5 to 6 ft., whips.....	2.10	1.80
140	6 to 7 ft., whips	2.60	2.30
70	7 to 8 ft., whips.....	3.15	2.85

platanoides Faassen Redleaf. Faassen Redleaf Maple. Zone 5.

A red-leaf Maple that retains its color throughout the summer months. Similar to Crimson King but without patent.

		Per 10	Per 100	Per 1000
30	4 to 5 ft., whips	\$14.00	\$125.00	\$
100	5 to 6 ft., whips	16.00	150.00	
50	5 to 6 ft., branched	32.50	300.00	
200	6 to 8 ft., branched	45.00	425.00	

platanoides Schwedler. Schwedler Maple. 40-50 feet. Zone 5.

Perfectly shaped tree with purplish red leaves in spring and early summer, turning to yellow in autumn.

160	4 to 5 ft., whips..	11.00	100.00	
70	5 to 6 ft., whips	15.50	140.00	
80	6 to 7 ft., whips	19.00	175.00	
60	7 to 8 ft., whips.....	22.00	200.00	
140	5 to 6 ft.. branched	22.50	200.00	
80	6 to 8 ft., branched....	30.00	275.00	
300	8 to 10 ft.. branched	35.00	325.00	

NUT, ORNAMENTAL and SHADE TREES—Continued**ACER—Continued*****platanoides variegatum*. Silver Variegated Norway Maple. 90 feet. Zone 4.**

Popular Norway Maple form with white splotched leaves.

	Per 10	Per 100	Per 1000
40 5 to 6 ft., branched.....	\$28.00	\$250.00	\$-----

***rubrum*. Red Maple. 120 feet. Zone 4.**

A fast growing tree producing conspicuous red flowers in early spring and brilliant red leaves early in fall.

80 6 to 8 ft., branched.....	32.50	300.00	-----
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***saccharinum*. Silver Maple. 120 feet. Zone 4.**

Very hardy, rapid-growing tree. Leaves finely cut, green with silvery white underneath.

1400 3 to 4 ft.....	5.00	45.00	400.00
6360 4 to 5 ft.....	6.50	60.00	550.00
4840 5 to 6 ft.....	10.00	90.00	800.00
700 6 to 8 ft.....	15.50	140.00	1250.00
2800 8 to 10 ft.....	22.50	200.00	1750.00
3540 1½ to 1½ in.....	27.50	250.00	2250.00
760 1½ to 1¾ in.....	35.00	325.00	3000.00
400 1¾ to 2 in. cal.....	45.00	400.00	3500.00

***saccharum*. Sugar Maple. 120 feet. Zone 4.**

Stately, upright shade tree. Leaves turn scarlet, orange and yellow in fall. Fine street and lawn specimen.

130 3 to 4 ft.....	16.50	150.00	-----
50 4 to 5 ft., branched.....	19.00	175.00	-----

BETULA***pendula*. European White Birch. 50-60 feet. Zone 2.**

Exceedingly graceful tree with slightly pendulous branches. White bark.

40 4 to 5 ft.....	14.00	125.00	-----
340 5 to 6 ft.....	16.50	150.00	-----

***pendula gracilis*. Cutleaf European White Birch. 30-40 feet. Zone 2.**

Very slender pendulous branches with laciniate leaves very finely cut.

50 3 to 4 ft.....	15.00	135.00	-----
450 4 to 5 ft.....	18.00	165.00	-----

CELTIS***occidentalis*. Common Hackberry. 50-70 feet. Zone 4.**

Well formed shade tree of good foliage and dense habit.

70 4 to 5 ft.....	8.00	75.00	-----
140 5 to 6 ft.....	12.00	110.00	1000.00
90 6 to 8 ft.....	22.50	200.00	1750.00
20 8 to 10 ft.....	30.00	275.00	---

NUT, ORNAMENTAL and SHADE TREES—Continued**CERCIS**

Per 10 Per 100 Per 1000

canadensis. Eastern Redbud. 35 feet. Zone 5.

Produces an abundance of reddish-pink flowers in early spring. Blooming with the Flowering Dogwood. Forms a broad head of glossy, heart-shaped leaves that turn pale yellow in fall. Grown shrub form.

630	18 to 24 in.	\$ 4.00	\$ 35.00	\$300.00
1100	2 to 3 ft.	6.50	60.00	550.00
400	3 to 4 ft.	10.00	90.00	850.00
260	4 to 5 ft.	14.00	125.00	1100.00
240	5 to 6 ft.	16.50	150.00	1350.00
340	6 to 8 ft.	22.50	200.00	1750.00

CORNUS**mas. Cornelian Cherry. April. 24 feet. Zone 5.**

Small yellow flowers appear before the shiny green leaves. Edible fruit $\frac{1}{2}$ to $\frac{3}{4}$ " long turn scarlet in August. Red foliage in fall.

170	12 to 18 in.	5.00	45.00	----
180	18 to 24 in.	6.00	55.00	----

officinalis. Japanesecornel Dogwood. April. 30 feet. Zone 6.

Small yellow flowers appear before the leaves. Edible scarlet fruit with pleasant acid taste. Light brown flaky bark.

60	12 to 18 in.	6.50	60.00	----
170	18 to 24 in., Moss & Poly root wrapped	7.50	70.00	----
40	2 to 3 ft., Moss & Poly root wrapped	8.50	-----	-----

CRATAEGUS**crusgalli. Cockspur Thorn. 15-18 feet. Zone 5.**

White flowers and red fruit. Shiny, deep green leaves. Long thorns.

30	4 to 5 ft., Moss & Poly root wrapped	27.50	250.00	----
80	5 to 6 ft., Moss & Poly root wrapped	35.00	325.00	----

oxyacantha. English Hawthorn. May. 15 feet. Zone 5.

Spreading branches with stout 1 inch thorns, covered with a dense foliage of 3 to 5 lobed leaves. Small white flowers in 5 to 12 flowered panicles. Scarlet fruit with 2 stones.

20	18 to 24 in., Moss & Poly root wrapped	16.50	150.00	----
70	2 to 3 ft., Moss & Poly root wrapped	19.00	175.00	----
60	3 to 4 ft., Moss & Poly root wrapped	22.50	200.00	----
60	4 to 5 ft., Moss & Poly root wrapped	27.50	250.00	----
40	5 to 6 ft., Moss & Poly root wrapped	35.00	325.00	----

phaenopyrum. Washington Hawthorn. 30 feet. Zone 5.

Upright, dense habit. Blooms profusely and displays a brilliant autumn color.

30	2 to 3 ft.	19.00	175.00	----
60	3 to 4 ft.	22.50	200.00	----
70	4 to 5 ft.	27.50	250.00	----
70	6 to 8 ft.	42.50	400.00	----

punctata. Dotted Hawthorn. May. 30 feet. Zone 5.

Dense, branching tree sometimes twice as broad as it is high. White flowers in clusters. Red fruits, with small dots, among largest in American Hawthorns.

30	18 to 24 in.	16.50	150.00	----
90	2 to 3 ft.	19.00	175.00	----
70	3 to 4 ft.	22.50	200.00	----

DIOSPYROS**virginiana. Common Persimmon. 50 feet. Zone 5.**

Round headed tree, often with pendulous branches. Dense foliage turns yellow in fall. Edible, yellowish-orange fruit, often with red cheek.

70	18 to 24 in.	6.50	60.00	----
180	2 to 3 ft.	8.00	75.00	----
90	3 to 4 ft.	10.00	90.00	----

NUT, ORNAMENTAL and SHADE TREES—Continued**FRAXINUS**

Per 10 Per 100 Per 1000

***pennsylvanica lanceolata. Green Ash.* 50-60 feet. Zone 3.**

Shapely, vigorous and dense tree. Yellow autumn foliage. Very hardy.

300	3 to 4 ft.	\$ 6.00	\$ 55.00	\$ 500.00
740	4 to 5 ft.	8.00	75.00	700.00
1300	5 to 6 ft.	11.00	100.00	900.00
900	6 to 8 ft.	17.50	160.00	1500.00
840	8 to 10 ft.	25.00	225.00	2000.00
210	1½ to 1½ in. Cal.	32.50	300.00	2750.00
40	1½ to 1¾ in. Cal.	40.00	375.00	3500.00
30	1¾ to 2 in. Cal.	50.00	450.00	----

GLEBITSIA***triacanthos inermis. Thornless Honeylocust.* May. 50-60 feet. Zone 5.**

Broad, open tree with fine textured leaves that appear late in spring and drop early in fall. Long twisted pods remain on tree long after leaves have fallen. Adaptable to most any location.

40	4 to 5 ft.	11.00	100.00	----
110	5 to 6 ft.	16.50	150.00	1350.00
600	6 to 8 ft.	25.00	225.00	2000.00
1000	8 to 10 ft.	32.50	300.00	2750.00
40	1½ to 1½ in. Cal.	42.50	400.00	----

Imperial locust. (Plant Patent No. 1605)

A new graceful, spreading variety with symmetrically arranged branches that form a more regular and compact tree than any other Honeylocusts. Grows straight and strong without staking. Dainty green leaves are spaced closer than Common Honeylocust, and with the dense branching habit, form a more dense cover.

					Suggested
	10-29	30-99	100-299	300 up	Retail
	Each	Each	Each	Each	Each
280	4 to 5 ft., 2 yr. branched	\$3.15	\$ 2.75	\$ 2.25	\$----
150	5 to 6 ft., 2 yr. branched	3.75	3.35	3.00	8.00

Majestic honeylocust. (Plant Patent No. 1534)

A strong, graceful tree of spreading habit but much more regular and compact than ordinary Honeylocust. Thornless and grows straight without staking. Bold abundant foliage is extremely dark green when mature. Light seeding.

	10-29	30-99	100-299	
	Each	Each	Each	
70	5 to 6 ft., whips	\$ 1.80	\$ 1.60	\$ ----
60	6 to 7 ft., whips	2.00	1.80	----
70	7 to 8 ft., whips	2.40	2.15	----
40	8 to 9 ft., whips	2.80	2.45	----
150	4 to 5 ft., 2 yr. branched	2.45	2.25	1.90
140	5 to 6 ft., 2 yr. branched	3.15	2.75	2.25
340	6 to 8 ft., 2 yr. branched	3.75	3.35	3.00
50	8 to 10 ft., 2 yr. branched	4.90	4.45	----

NUT, ORNAMENTAL and SHADE TREES—Continued**GLEBITSIA—Continued*****triacanthos inermis* Moraine. Moraine Honeylocust. (Patent No. 836)**

This Honeylocust is a patented variety covered by United States Plant Patent No. 836 and is being handled under license from the patent owner. A new vase form, thornless, seedless and hardy. Resistant to disease and insect damage.

		10-29 Each	30-99 Each	100-299 Each	300-up Each	Suggested Retail Each
300	3 to 4 ft., whips	\$1.45	\$ 1.35	\$ 1.25	\$ 1.10	\$ ---
520	4 to 5 ft., whips	1.80	1.65	1.50	1.35	---
30	5 to 6 ft., whips	2.25	2.00	---	---	5.00
70	7 to 8 ft., whips	3.35	3.00	---	---	7.50
200	4 to 5 ft., 2 yr. branched	3.00	2.70	2.45	---	---
170	5 to 6 ft., 2 yr. branched	4.00	3.60	3.25	---	---
30	8 to 10 ft., branched, 2 yr. tops	7.75	7.00	---	---	12.50

Shademaster honeylocust. (Patent No. 1515)

Straight strong trunk holds ascending branches covered with dark green foliage. This rapid grower transplants easily and without staking. Excellent for streets, lawns and parks as its deep roots do not heave sidewalks and grass will grow up to the trunk. Resistant to drouth, diseases and insect pests.

		10-49 Each	50-249 Each
100	4 to 5 ft., 2 yr. branched	\$ 2.75	\$ 2.25
70	5 to 6 ft., 2 yr. branched	3.75	---

GYMNOCLADUS***dioicus*. Kentucky Coffeetree. 90 feet. Zone 5. Per 10 Per 100 Per 1000**

Large branching, open, picturesque habit. Particularly interesting during the long winter months.

100	3 to 4 ft.	\$16.50	\$150.00	\$
130	4 to 5 ft.	22.50	200.00	---
10	5 to 6 ft.	27.50	---	---

JUGLANS***nigra*. Eastern Black Walnut. 150 feet. Zone 5.**

Rounded, upright tree with coarse, open foliage. Large, rounded nuts in heavy shells.

100	3 to 4 ft.	16.50	150.00	
370	6 to 8 ft.	19.00	175.00	1600.00
350	8 to 10 ft.	27.50	250.00	2250.00
180	1½ to 1½ in. Cal.	32.50	300.00	2750.00

NUT, ORNAMENTAL and SHADE TREES—Continued**LABURNUM*****watereri (vossi) Waterer Laburnum.* 25-30 feet. Zone 6.**

Dense habit. Flowers are large and deep yellow, pea like in pendulous clusters appearing in late May.

	Per 10	Per 100	Per 1000
60 4 to 5 ft., branched.....	\$22.50	\$200.00	\$----
20 5 to 6 ft., branched.....	27.50	-----	-----

MALUS**DWARF FLOWERING CRAB**

	Per 10	Per 100
18 to 24 in.....	\$11.00	\$100.00
2 to 3 ft.....	13.50	125.00
3 to 4 ft.....	17.50	150.00
4 to 5 ft.....	22.50	200.00
5 to 6 ft.....	25.00	225.00
	5/6' 4/5' 3/4' 2/3' 18/24"	
Bechtel's Improved	-- -- 30 130 120	
Hopa	150 370 180 130 100	
Makamik	20 -- 50 -- --	

CENTENNIAL CRAB**No. 1472**

Small tree with horizontal branches. Large white flowers. Excellent quality fruit of bright red over yellow, up to 2 inches in size. Long bearing season starting in late August. Valuable as both fruiting and ornamental crab.

	Per 10	Per 100
30 3 to 4 ft.....	\$10.00	\$ 95.00
80 4 to 5 ft.....	12.50	120.00
70 5 to 6 ft.....	14.00	135.00

RADIANT CRAB**Minnesota No. 6-C**

Tree of good form with reddish-bronze spring foliage, green in summer and fall. No record of scab, rust or fire-blight. Red flowers of medium size when the tree is quite young. Small, bright cherry red fruits often hang on all winter and are well liked by the birds.

	Per 10	Per 100
130 2 to 3 ft.....	\$15.00	\$125.00

MALUS, ORNAMENTAL CRABAPPLE—Continued

	Per 10	Per 100	Per 1000			
2 to 3 ft.	\$11.00	\$100.00	\$			
3 to 4 ft.	14.00	125.00	—			
4 to 5 ft.	16.50	150.00	—			
5 to 6 ft.	21.50	200.00	—			
Baccata Mandschurica. 50 ft. Zone 3.						
Single, white annual. Earliest.	50	130	100			
Halliana parkmanni. 15 ft. Zone 6.						
Double pink flowers, red fruits.	400	100	100			
Oekonomierat Echtermeyer. 15 ft. Zone 5.						
Single purple flowers, reddish purple fruit.	70	140	40			
Sargentii Rosea. 8 ft. Zone 5.						
Smallest. Bright red buds, single white flowers. Red fruit.	130	40				
18 to 24 in.	Per 10	Per 100	Per 1000			
2 to 3 ft.	\$ 5.50	\$ 50.00	\$			
3 to 4 ft.	7.50	70.00				
4 to 5 ft.	10.00	90.00				
5 to 6 ft.	14.00	125.00				
6 to 8 ft.	19.00	175.00				
	22.50	210.00				
Almey. 20 ft.	6/8'	5/6'	4/5'	3/4'	2/3'	18/24"
Single carmine flowers, white center, bright red fruit.	200	100				
Cowichan. 18 ft. Zone 5.						
Single purplish-red flowers, reddish-purple fruit.	110	200	60		70	
Red Splendor.	6/8'	5/6'	4/5'	3/4'	2/3'	
Single carmine flowers. Red fruits. purplish foliage.	70	160			110	
Valley City. Zone 3-4.						
Single pink flowers. Small maroon fruit.	180	100	30			
Purple foliage.						
Van Eseltine.						
Double carmine flowers. Yellow and red fruit.	70	90				
Wabiskaw.						
Semi-double, purplish-red. Annual. Red fall foliage.	350	40			40	

MALUS, ORNAMENTAL CRABAPPLE—Continued

	Per 10	Per 100	Per 1000
2 to 3 ft.	\$ 6.00	\$ 55.00	\$ -----
3 to 4 ft.	8.00	75.00	-----
4 to 5 ft.	11.00	100.00	-----
5 to 6 ft.	16.50	150.00	-----
6 to 8 ft.	21.50	-----	-----

	6/8'	5/6'	4/5'	3/4'	2/3'
--	------	------	------	------	------

Floribunda. 30 ft. Zone 4.

Single pink annual.	--	50	--	--	--
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Jay Darling.

Single purplish-red flowers, purplish-red fruit.	100	950	250	80	70
--	-----	-----	-----	----	----

Makamik. 40 ft. Zone 5.

Single purplish-red blooms. Bronze foliage.	20	500	80	60	--
---	----	-----	----	----	----

pumila Niedzwetzkyana. 20 ft. Zone 4.

Single purplish-red flowers. Large fruit.	--	60	--	40	--
---	----	----	----	----	----

Red Silver. 30 ft. Zone 5.

Single purplish-red flowers, purple fruit.	40	--	20	--	--
--	----	----	----	----	----

	Per 10	Per 100	Per 1000
2 to 3 ft.	\$ 5.50	\$ 50.00	\$ -----
3 to 4 ft.	7.50	70.00	-----
4 to 5 ft.	10.00	90.00	-----
5 to 6 ft.	13.00	120.00	1100.00
6 to 8 ft.	16.50	150.00	1350.00

	6/8'	5/6'	4/5'	3/4'	2/3'
--	------	------	------	------	------

Hopa. 30 ft. Zone 5.

Single carmine blooms, bright red fruits.	400	1000	50	--	200
---	-----	------	----	----	-----

purpurea Eleyi. 25 ft. Zone 4.

Single reddish-purple blooms and fruits.	80	200	20	40	30
--	----	-----	----	----	----

PLATANUS**acerifolia. London Plane-tree. 100 feet. Zone 6.**

Tall tree with straight trunk and broad round head. Large maplelike leaves. Very resistant to twig blight. Large fruit balls and light colored smooth bark mottled by darker blotches of old bark make this a conspicuous winter tree. Used extensively for street planting.

	Per 10	Per 100	Per 1000
40 3 to 4 ft.	\$ 8.50	\$ 80.00	\$ -----
110 4 to 5 ft.	11.00	100.00	-----
150 5 to 6 ft.	15.00	135.00	-----
130 6 to 8 ft.	22.50	200.00	-----
40 8 to 10 ft.	30.00	275.00	-----

occidentalis. American Planetree. 120-150 feet. Zone 6.

Largest leaves on one of most massive and tallest of trees. White bark peals in flakes. Popular as shade and avenue tree.

80 5 to 6 ft.	12.50	110.00	-----
180 6 to 8 ft.	19.00	175.00	-----
150 8 to 10 ft.	28.00	250.00	-----
90 1½ to 1¾ in. Cal.	32.50	300.00	-----
110 1½ to 1¾ in. Cal.	40.00	375.00	-----
80 1¾ to 2 in. Cal.	50.00	450.00	-----

NUT, ORNAMENTAL and SHADE TREES—Continued

Per 10 Per 100 Per 1000

POPULUS***canadensis eugenei. Carolina Poplar.* 150 feet. Zone 6.**

Coarse, glossy leaves on wide-spread, open tree. Rapid grower.			
60 4 to 5 ft.	\$ 4.50	\$. . .	\$. . .
60 5 to 6 ft.	5.50	50.00	
100 6 to 8 ft.	8.00	75.00	
90 8 to 10 ft.	11.00	100.00	
100 1½ to 1½ in. Cal.	13.50	120.00	
100 1½ to 1¾ in. Cal.	16.50	150.00	

***nigra italica. Lombardy Poplar.* 50-60 feet. Zone 3.**

Rapid spire-like growth. Fine for screens and formal plantings.

	Per 10	Per 100	Per 1000
680 4 to 5 ft.	\$ 3.50	\$ 30.00	\$ 250.00
4300 5 to 6 ft.	5.00	45.00	400.00
7400 6 to 8 ft.	6.00	55.00	500.00
9000 8 to 10 ft.	7.00	65.00	600.00
2200 1½ to 1½ in. Cal.	8.00	75.00	700.00
1380 1½ to 1¾ in. Cal.	11.00	100.00	900.00
830 1¾ to 2 in. Cal.	14.00	125.00	1100.00

Per 10 Per 100 Per 1000

PRUNUS***Newport. Purple-leaved Plum.* 15 feet. Zone 4.**

A small tree of upright growth and with distinctive purplish red foliage. On native plum.

100 2 to 3 ft.	\$ 8.50	\$ 80.00	\$. . .
100 3 to 4 ft.	12.50	110.00	
70 4 to 5 ft.	16.00	140.00	

***padus. European Birdcherry.* 45 feet. Zone 4.**

Frequently called "May Day Tree". Produces fragrant flowers in drooping loose racemes followed by black fruit.

150 2 to 3 ft.	8.00	75.00	—
190 3 to 4 ft.	11.00	100.00	900.00
240 4 to 5 ft.	14.00	125.00	1100.00
190 5 to 6 ft.	16.50	150.00	1350.00
110 6 to 8 ft.	22.50	200.00	—

***persica. Flowering Peach (tree form on peach).* 15-18 feet. Zone 6.**

2 to 3 ft.	4.50	40.00	—
3 to 4 ft.	7.50	70.00	
4 to 5 ft.	11.00	100.00	
5 to 6 ft.	14.00	125.00	
6 to 8 ft.	16.50	150.00	

6/8' 5/6' 4/5' 3/4' 2/3'

Cardinal , double red	30	—	60	40
Helen Borchers , large, clear pink	50	—	80	30
Iceberg , white	60	50	30	100

QUERCUS***alba. White Oak.* 90 feet. Zone 5.**

Majestic tree with broad round head and wide spreading branches. Dense foliage turns purplish red in autumn. Slower growing than Red Oak.

200 4 to 5 ft.	19.00	175.00	—
130 5 to 6 ft.	25.00	225.00	

NUT, ORNAMENTAL and SHADE TREES—Continued

Per 10 Per 100 Per 1000

QUERCUS—Continued**borealis. Red Oak. 75 feet. Zone 5.**

Pyramidal young trees become broad and round topped with age. Dense foliage an attractive red in fall. Transplants easily and fastest grower of oaks. Fine for street or avenue as it withstands city conditions and is clean in habit.

80 3 to 4 ft.	\$16.00	\$140.00	\$	-----
40 4 to 5 ft.	19.00	175.00		-----

palustris. Pin Oak. 75 feet. Zone 5.

A broadly pyramidal tree of dense branching habit. Branches droop slightly. Leaves of deep green, glossy and finely divided. Scarlet autumn foliage. A most desirable shade tree but requires ample space.

	Per 10	Per 100	Per 1000
1000 4 to 5 ft.	\$16.50	\$150.00	\$1350.00
1960 5 to 6 ft.	22.50	200.00	1750.00
1800 6 to 8 ft.	32.50	300.00	2750.00
600 8 to 10 ft.	45.00	400.00	3750.00
50 1½ to 1¾ in. Cal.	60.00	575.00	-----
90 1¾ to 2 in. Cal.	65.00	625.00	-----

Per 10 Per 100 Per 1000

SALIX**alba tristis. Niobe Willow. 50 feet. Zone 3.**

Extremely hardy "Golden Weeping Willow" of exceptional grace and beauty.

80 4 to 5 ft.	\$ 6.50	\$ 60.00	\$550.00
100 5 to 6 ft.	11.00	100.00	900.00
250 6 to 8 ft.	15.00	135.00	1200.00
650 8 to 10 ft.	22.50	200.00	1750.00
280 1¼ to 1½ in. Cal.	27.50	250.00	2250.00
330 1½ to 1¾ in. Cal.	32.50	300.00	2750.00
30 1¾ to 2 in. Cal.	40.00	375.00	-----

alba vitellina. Russian Golden Willow. 30 feet. Zone 3.

One of the best upright willows for landscape planting. Twigs very colorful during winter months. One of the best windbreak trees.

1030 4 to 5 ft.	5.50	50.00	450.00
2400 5 to 6 ft.	8.00	75.00	700.00
280 6 to 8 ft.	11.00	100.00	900.00

babylonica. Babylon Weeping Willow. 30 feet. Zone 6.

One of the best of the weeping willows wherever hardy. Bright green foliage.

100 3 to 4 ft.	5.00	45.00	-----
200 4 to 5 ft.	6.50	60.00	550.00
80 5 to 6 ft.	11.00	100.00	900.00
30 6 to 8 ft.	15.00	135.00	1200.00
50 8 to 10 ft.	22.50	200.00	-----

blanda. Wisconsin Weeping Willow. 40 feet. Zone 5.

A very hardy, popular, free-barked weeping willow. Wide-spreading head. Long drooping branches are extremely graceful.

50 4 to 5 ft.	6.50	60.00	550.00
200 5 to 6 ft.	11.00	100.00	900.00
200 6 to 8 ft.	15.00	135.00	1200.00
820 8 to 10 ft.	22.50	200.00	1800.00
340 1¼ to 1½ in. Cal.	27.50	250.00	2250.00
50 1½ to 1¾ in. Cal.	32.50	300.00	-----

discolor French. French Pussy Willow. 20 feet. Zone 3.

A fine cultivated French variety having especially long catkins.

680 12 to 18 in.	3.00	25.00	200.00
160 18 to 24 in.	3.50	30.00	250.00

NUT, ORNAMENTAL and SHADE TREES—Continued**SALIX—Continued*****discolor French Pink.* 20 feet. Zone 3.**

A new French variety with pinkish, long catkins.

		Per 10	Per 100	Per 1000
1030	12 to 18 in.	\$ 3.50	\$ 30.00	\$ -----
290	18 to 24 in.	4.50	40.00	350.00
400	2 to 3 ft.	5.50	50.00	450.00

***pentandra. Laurel Leaf Willow.* 60 feet. Zone 5.**

Round headed tree producing lustrous dark green leaves, brownish shiny twigs. One of the best for ornamental planting.

80	3 to 4 ft.	3.50	30.00	-----
130	1½ to 1¾ in. Cal.	15.00	135.00	-----

SORBUS***aucuparia. European Mountainash.* 45 feet. Zone 3.**

A smooth barked tree having a dense, pyramidal head. Bright red-orange berries are produced in large clusters.

150	4 to 5 ft.	17.50	160.00	-----
120	5 to 6 ft.	22.50	200.00	-----
500	6 to 8 ft.	27.50	250.00	2250.00
60	8 to 10 ft.	35.00	325.00	3000.00
150	1¼ to 1½ in. Cal.	42.50	400.00	-----

TILIA***americana. American Linden.* 100 feet. Zone 3.**

Rather fast growing tree with open head. Large, coarse leaves turn yellow in fall. Dropping clusters of fragrant yellow flowers in July. Good street tree.

50	3 to 4 ft.	9.00	85.00	-----
40	4 to 5 ft.	12.50	110.00	-----
50	5 to 6 ft.	20.00	175.00	-----
50	6 to 8 ft.	25.00	225.00	-----
100	8 to 10 ft.	32.50	300.00	-----

***cordata. Littleleaf Linden.* 90 feet. Zone 4.**

Usually a slow growing, small tree of very dense habit and tightly pyramidal form. Broad, heart shaped leaves are very dark green above and lighter beneath. An excellent shade and street tree.

370	3 to 4 ft.	16.50	150.00	-----
200	4 to 5 ft.	20.00	175.00	-----
100	5 to 6 ft.	27.50	250.00	-----

ULMUS***americana. American Elm.* 100-120 feet. Zone 2.**

A stately tree of unique vase-shaped form with widely arching branches.

850	4 to 5 ft.	5.50	50.00	450.00
2560	5 to 6 ft.	8.00	75.00	700.00
300	6 to 8 ft.	12.00	110.00	1000.00
1340	8 to 10 ft.	18.00	165.00	1500.00
1690	1¼ to 1½ in. Cal.	27.50	250.00	2250.00

***americana Moline. Moline Elm.* 80-100 feet. Zone 3.**

Narrow pyramidal rapid-growing tree with large, handsome green foliage. Uniform tree for street or drive planting.

		Per 10	Per 100	Per 1000
120	6 to 8 ft.	\$16.50	\$150.00	\$ -----
450	8 to 10 ft.	22.00	200.00	1800.00
700	1¼ to 1½ in. Cal.	32.50	300.00	2750.00

NUT, ORNAMENTAL and SHADE TREES—Continued**ULMUS—Continued**

Per 10 Per 100 Per 1000

hybrid Christine Buisman. 60 feet. Zone 4.

Recommended by U.S.D.A. as resistant to Dutch Elm disease and phloem necrosis. Slender but numerous ascending branches produce a mass of dark green foliage. Rapid grower. Must be propagated vegetatively to perpetuate disease resistance. Handsome specimen for lawns or street planting.

70 3 to 4 ft.	\$16.50	\$150.00	\$	----
100 4 to 5 ft.	19.00	175.00		-----
70 5 to 6 ft.	23.50	225.00		-----

Lake City Improved. 70 feet.

Fast growing pyramidal tree. Heavy, rich green foliage. Does not bear seed. Disease resistant. Fine for lawns and parkways.

80 3 to 4 ft.	5.50	50.00		----
120 4 to 5 ft.	8.00	75.00		-----
20 6 to 8 ft.	16.50	150.00	1350.00	
40 8 to 10 ft.	22.00	200.00		-----

pumila. Chinese Elm. 75 feet. Zone 5.

A hardy, rapid-growing tree. Small dense foliage. Drought resistant.

2300 4 to 5 ft.	4.00	35.00	300.00
4600 5 to 6 ft.	7.00	65.00	600.00
2900 6 to 8 ft.	11.00	100.00	900.00
1540 8 to 10 ft.	15.00	135.00	1250.00
1650 1½ to 1½ in. Cal.	22.50	200.00	1750.00
920 1½ to 1¾ in. Cal.	32.50	300.00	2750.00
130 1¾ to 2 in. Cal.	40.00	375.00	

Ornamental Shrubs

Our shrubs are bushy and well rooted, twice transplanted and many graded stronger than is required by the American Nurseryman's Association.

The month indicates the beginning of bloom period; size denotes average height of shrub at maturity if left unsheared.

SHRUBS ARE TIED 9/12 and 12/18 in., 25; 18/24 in. and 2/3 ft., 10; and 3/4 and 4/5 ft. 5 per bundle. WE DO NOT BREAK BUNDLES.

ACANTHOPanax

		Per 10	Per 100	Per 1000
sieboldianus. Siebold Acanthopanax.	June. 9 feet. Zone 5.			
Excellent foliage plant growing well in the shade and withstanding city growing conditions. Compound leaves remain on the plant well into fall.				
100 12 to 18 in.		\$ 3.50	\$ 30.00	\$.
250 18 to 24 in.		5.00	45.00	400.00
340 2 to 3 ft.		6.00	55.00	500.00

ACER

ginnala. Amur Maple. 20 feet. Zone 3.

Dense shrub or small tree. Yellow fragrant flowers in April-May. Fruits turn bright red in summer. Entire plant becomes a mass of scarlet in autumn.				
260 18 to 24 in.		6.50	60.00	550.00
800 2 to 3 ft.		10.00	90.00	850.00
150 3 to 4 ft.		14.00	125.00	1100.00
700 4 to 5 ft.		20.00	175.00	1500.00

ARONIA

arbutifolia. Red Chokeberry. May. 9 feet. Zone 6.

Small white flowers. Bright red berries in profusion. Red fall foliage. Dependable in any soil.

150 9 to 12 in.		2.50	20.00	--
50 12 to 18 in.		3.50	30.00	--
40 18 to 24 in.		5.00	45.00	--

melanocarpa. Black Chokeberry. May. 2-3 feet. Zone 5.

Single white flowers and black berries. Red foliage in fall.

40 9 to 12 in.		2.50	20.00	--
100 12 to 18 in.		3.50	30.00	--
80 18 to 24 in.		5.00	45.00	--

BERBERIS

mentorensis. Mentor Barberry. May. 5 feet. Zone 6.

A cross between thunbergi and julianae, mentorensis is a strong, upright growing plant of heavy, dark green foliage. Survives cold as well as very hot, dry conditions.

170 9 to 12 in.		3.00	25.00	200.00
1400 12 to 15 in.		4.50	40.00	350.00
400 15 to 18 in.		5.50	50.00	450.00
170 18 to 24 in.		6.50	60.00	550.00

thunbergi. Japanese Barberry. May. 5 feet. Zone 6.

Hardy shrub, splendid for hedges or massing. Delicate yellow flowers. Brilliant fall foliage followed by scarlet berries. Showy in winter.

1140 9 to 12 in.		2.00	18.00	150.00
2290 12 to 15 in.		3.00	25.00	200.00
2100 15 to 18 in.		3.50	30.00	250.00
1700 18 to 24 in.		4.50	40.00	350.00
1300 2 to 2½ ft.		5.50	50.00	450.00
600 2½ to 3 ft.		6.50	60.00	550.00

ORNAMENTAL SHRUBS—Continued

BERBERIS—Continued

thunbergi atropurpurea. Redleaf Japanese Barberry. May. 5 feet. Zone 6.

Warm bronze-red foliage in a sunny exposure. Intensified in summer and fall. Brilliant accent as a sheared or natural specimen.

		Per 10	Per 100	Per 1000
100	9 to 12 in.	\$ 3.00	\$ 25.00	\$200.00
1400	12 to 15 in.	4.00	35.00	300.00
500	15 to 18 in.	5.00	45.00	400.00
2000	18 to 24 in.	6.00	55.00	500.00
240	2 to 2½ ft.	7.00	65.00	600.00
370	2½ to 3 ft.	8.00	75.00	700.00

Per 10 Per 100 Per 1000

thunbergi erecta. Truehedge Columnberry. May. 6 feet. Zone 6.

Recommended for formal hedges, individual specimen shrubs, window boxes, etc. Grows in pyramidal form without pruning. Has dense glossy foliage valuable for many purposes.

360	9 to 12 in.	\$ 2.00	\$ 18.00	\$150.00
470	12 to 15 in.	3.00	25.00	200.00
790	15 to 18 in.	4.00	35.00	300.00
990	18 to 24 in.	5.00	45.00	400.00

BUDDLEIA**Butterflybush. July. 4-6 feet. Zone 6.**

Cut tops back severely when planting for best results.

Medium	.....	3.50	30.00	250.00
No. 1	.....	4.00	35.00	300.00

Varieties available at above prices.

No. 1 Med.

Charming. 5-6 feet.

Unusually large compact spikes of pink flowers with lavender cast. Blooms all summer. A striking plant in any landscape. One of the best pinks. 700 80

Dubonnet. 4-5 feet.

The new red Butterflybush. Beautiful wine-red flowers with large individual florets. A gorgeous cut flower. 1760 1480

Empire Blue.

An excellent shade of blue combining Aster blue with a lilac tone. 1200 700

Ille de France. 4-5 feet.

Long spikes of dark claret-purple. 500 1200

Peace.

Pure white flowers in long, well-formed spikes. Vigorous plant. 3090 970

Royal Red.

Rich, dark royal purple flowers. Foliage deep leathery green. ... 3400 2300

White Cloud. 3-4 feet.

Neat compact plant. Compact spikes well filled to the ends. ... 70 260

CALICARPA

Per 10 Per 100 Per 1000

dichotoma. Purple Beautyberry. August. 4 feet. Zone 6.

Small pink flowers in clusters. Large showy clusters of purple berries.

70	12 to 18 in.	\$ 3.50	\$ 30.00	\$. . .
50	18 to 24 in.	4.50	40.00	....
300	2 to 3 ft.	5.50	50.00	....
230	3 to 4 ft.	7.00	65.00	....
110	4 to 5 ft.	9.00	85.00	....

ORNAMENTAL SHRUBS—Continued**CARYOPTERIS****clandonensis. Blue Mist. August. 4 feet. Zone 6.**

Low growing shrub covered with numerous clusters of powdery blue, fringed flowers from August to frost. The foliage is lanceolate, slightly toothed and silvery green in color. Hardy but dies back to ground in north.

		Per 10	Per 100	Per 1000
2800	No. 1	\$ 4.50	\$ 40.00	\$350.00
120	Medium	3.50	30.00	-----
400	No. 3	2.50	22.00	200.00

CEPHALANTHUS

Per 10 Per 100 Per 1000

occidentalis. Buttonbush. July. 15 feet. Zone 5.

Creamy white flowers in round heads about 1 inch diameter. Must have moist location. Fine for swampy land.

250	12 to 18 in.	\$ 3.50	\$ 30.00	\$250.00
230	18 to 24 in.	5.00	45.00	400.00
580	2 to 3 ft.	6.00	55.00	500.00
140	3 to 4 ft.	7.50	70.00	650.00

CHAENOMELES**japonica rubra. Red Flowering Japanese Quince. May. 3 feet. Zone 5.**

An improved, non-fruiting strain which produces true bright red flowers.

150	9 to 12 in.	2.50	20.00	180.00
1200	12 to 18 in.	3.50	30.00	250.00
3200	18 to 24 in.	4.50	40.00	350.00
120	2 to 3 ft.	5.50	50.00	450.00

lagenaria and superba. Japan Quince. 6 feet. Zone 5.

9 to 12 in.	4.50	40.00	-----
12 to 18 in.	5.50	50.00	-----
18 to 24 in.	7.50	70.00	-----
2 to 3 ft.	9.50	90.00	-----

Following varieties at above prices:

	2/3'	18/24"	12/18"	9/12"
Aurea (L)	120	200	100	20
Kermesina semiplena (L)	20	60	70	-----
Nivalis (L)	40	--	340	70
Pink Lady (S)	50	100	100	30
Texas Scarlet (S)	80	300	300	40

CHIONANTHUS

Per 10 Per 100 Per 1000

virginicus. White Fringe-tree. June. 30 feet. Zone 5.

Fleecy white flower clusters in great profusion. Clusters of dark blue berries. Leaves bright yellow in fall. One of the last shrubs to leaf in the spring.

350	9 to 12 in.	\$ 3.50	\$ 30.00	\$250.00
310	12 to 18 in.	5.00	45.00	400.00

ORNAMENTAL SHRUBS—Continued

Per 10 Per 100 Per 1000

CORNUS***alba sibirica. Siberian Dogwood. May. 9 feet. Zone 3.***

Stout, erect, bright branches. White flowers are followed by porcelain-blue berries. Outstandingly effective for winter color.

880	12 to 18 in.	\$ 3.50	\$ 30.00	\$ 250.00
900	18 to 24 in.	5.00	45.00	400.00
400	2 to 3 ft.	6.00	55.00	500.00
520	3 to 4 ft.	7.50	70.00	650.00

amomum. Silky Dogwood. June. 9 feet. Zone 6.

Produces yellow-white flowers in flat clusters followed by blue berries. Red fall foliage. Red twigs are colorful during winter.

30	12 to 18 in.	3.50	30.00	----
200	18 to 24 in.	5.00	45.00	----
200	2 to 3 ft.	6.00	55.00	----

racemosa. Gray Dogwood. June. 15 feet. Zone 5.

Small creamy white flowers in flat clusters followed by white berries on red stalks. Foliage purplish in fall and twigs gray in winter. Withstands shearing well.

60	12 to 18 in.	3.50	30.00	----
300	18 to 24 in.	5.00	45.00	----
260	2 to 3 ft.	6.00	55.00	----

sanguinea. Bloodtwig Dogwood. May. 12 feet. Zone 5.

Broad green leaves turn to dark blood red in fall. Twigs dark red; flowers dull white.

50	12 to 18 in.	3.50	30.00	----
150	18 to 24 in.	5.00	45.00	400.00
500	2 to 3 ft.	6.00	55.00	500.00
20	3 to 4 ft.	7.50	70.00	----

stolonifera. Redosier Dogwood. May. 7 feet. Zone 3.

Attractive medium sized shrub particularly valued for brilliant red winter twigs. Small dull white flowers are followed by white berries.

310	12 to 18 in.	3.50	30.00	250.00
560	18 to 24 in.	5.00	45.00	400.00
100	2 to 3 ft.	6.00	55.00	500.00
40	3 to 4 ft.	7.50	70.00	----

stolonifera flaviramea. Yellowtwig Dogwood. May. 7 feet. Zone 3.

A striking yellow-branched form of stolonifera, highly decorative.

390	12 to 18 in.	3.50	30.00	----
1340	18 to 24 in.	5.00	45.00	400.00
200	2 to 3 ft.	6.00	55.00	500.00

COTONEASTER***divaricata. Spreading Cotoneaster. May. 6 feet. Zone 6.***

Pink flowers followed by red fruit in fall and winter. Foliage semi-evergreen turning dull red in autumn. Plant of graceful spreading habit.

90	12 to 18 in.	6.00	55.00	----
160	18 to 24 in.	8.00	75.00	----

ORNAMENTAL SHRUBS—Continued**DEUTZIA****gracilis. Slender Deutzia. May. 3 feet. Zone 5.**

		Per 10	Per 100	Per 1000
Dwarf free flowering shrub with slender arching branches. Bears a profusion of small snow white flowers.				
370 9 to 12 in.	\$ 3.50	\$ 30.00	\$ 250.00	
1040 12 to 15 in.	5.00	45.00	400.00	
200 15 to 18 in.	6.00	55.00	500.00	
450 18 to 24 in.	7.50	70.00	650.00	

lemoinei. Lemoine Deutzia. May. 7 feet. Zone 5.

Very floriferous, semi-dwarf hybrid variety. Creamy white flowers in upright racemes. Distinctly different.

	Per 10	Per 100	Per 1000
100 9 to 12 in.	\$ 2.50	\$ 20.00	\$..
900 12 to 18 in.	4.50	40.00	350.00
600 18 to 24 in.	5.50	50.00	450.00
1900 2 to 2½ ft.	7.50	70.00	650.00

rosea. Rosepanicle Deutzia. May. 4 feet. Zone 5.

A graceful, dwarf growing plant producing attractive pink flowers. Also known as "eximea" or "rosea eximea".

	Per 10	Per 100	Per 1000
150 9 to 12 in.	\$ 3.50	\$ 30.00	\$ 250.00
700 12 to 15 in.	5.00	45.00	400.00
1000 15 to 18 in.	6.00	55.00	500.00
800 18 to 24 in.	7.50	70.00	650.00

scabra Pride of Rochester. May. 6-8 feet. Zone 6.

Double white flowers remain effectively in bloom over a long period. Earlier to bloom than other varieties.

	Per 10	Per 100	Per 1000
430 12 to 18 in.	3.00	25.00	200.00
900 18 to 24 in.	4.50	40.00	350.00
1700 2 to 3 ft.	5.50	50.00	450.00
140 3 to 4 ft.	7.00	65.00	-----

EUONYMUS**alatus. Winged Euonymus. May. 9 feet. Zone 4.**

A sturdy, easily grown plant of particular interest for its horizontal branching habit and its brilliant scarlet autumn color. Twigs and branches have cork-like ridges.

300 9 to 12 in.	5.00	45.00	
400 18 to 24 in.	8.50	80.00	

europaea aldenhamensis. Aldenham Spindle Tree. 21 feet. Zone 4.

Brilliant pink fruit makes this the most popular of Spindle Tree varieties. Dark green leaves are reddish in fall.

30 9 to 12 in.	3.50	30.00	---
150 12 to 18 in.	4.50	40.00	-----
90 18 to 24 in.	6.00	55.00	-----

ORNAMENTAL SHRUBS—Continued

EUONYMUS—Continued

Per 10 Per 100 Per 1000

kiatschovicus. (Patens) Spreading Euonymus. 9 feet. Zone 7.

Somewhat similar to but hardier than the evergreen Euonymus japonica. Leaves are lighter green and not as thick. Half evergreen in north. Fruit pinkish to red capsules especially attractive in October and November.

140 9 to 12 in.	.....	\$ 4.50	\$ 40.00	\$ 350.00
450 12 to 15 in.	.....	5.50	50.00	450.00

latifolius. Broadleaf Euonymus. 20 feet. Zone 6.

Large 3 to 5 inch leaves, reddish underneath; red in fall. Greenish flowers in clusters. Bright red fruit. Makes good specimen tree.

80 12 to 18 in.	.....	7.00	65.00	-----
300 18 to 24 in.	.....	8.00	75.00	-----
240 2 to 3 ft.	.....	9.50	90.00	-----

FORSYTHIA

Arnold Dwarf. 2 feet. Zone 5.

A new dwarf type with excellent foliage. Desirable as a ground cover.

100 9 to 12 in.	.....	3.00	25.00	-----
310 12 to 18 in.	.....	5.00	45.00	400.00

Arnold Giant. Zone 5.

Forms a compact, spreading bush. Very hardy and a consistant bloomer. Produces large, dark yellow flowers. One of the better new varieties.

70 9 to 12 in.	.....	3.00	25.00	-----
400 12 to 18 in.	.....	4.00	35.00	300.00
60 2 to 3 ft.	.....	6.50	60.00	550.00
100 3 to 4 ft.	.....	8.00	75.00	-----

Beatrix Farrand. 6-8 feet. Zone 5.

A new Forsythia from the Arnold Arboretum. Very vigorous grower developing into a large, symmetrical plant. Deep golden yellow flowers, often 2 inches in diameter with striking orange markings in the throat.

220 12 to 18 in.	.....	4.00	35.00	300.00
390 18 to 24 in.	.....	5.50	50.00	450.00
300 2 to 3 ft.	.....	6.50	60.00	550.00

intermedia spectabilis. Showy Border Forsythia. April. 8-9 feet. Zone 5.

Deep yellow flowers produced in abundance. Upright habit of growth makes this an excellent specimen.

190 12 to 18 in.	.....	3.50	30.00	250.00
3400 18 to 24 in.	.....	5.00	45.00	400.00
1500 2 to 3 ft.	.....	6.00	55.00	500.00
430 3 to 4 ft.	.....	7.50	70.00	650.00

Lynwood Gold. April. 6-8 feet. Zone 5.

Erect branches are covered with golden yellow blooms in early April. Superb for cutting and flowering in the house during the winter.

650 12 to 18 in.	.....	3.50	30.00	250.00
1480 18 to 24 in.	.....	5.00	45.00	400.00
1100 2 to 3 ft.	.....	6.00	55.00	500.00
200 3 to 4 ft.	.....	7.50	70.00	650.00
240 4 to 5 ft.	.....	9.00	85.00	800.00

ovata. Early Forsythia. April. 6-8 feet. Zone 5.

The earliest to bloom and also the hardest Forsythia. Good yellow blooms.

520 12 to 18 in.	.....	4.00	35.00	300.00
40 18 to 24 in.	.....	5.00	45.00	400.00
40 2 to 2½ ft.	.....	6.00	55.00	500.00
80 3 to 4 ft.	.....	7.50	70.00	-----

ORNAMENTAL SHRUBS—Continued

FORSYTHIA—Continued

Spring Glory. April. 7-8 feet. Zone 5.

A new Forsythia which is, without a doubt, the loveliest of all. Its large pale yellow flowers completely cover the branches. The pale yellow is very brilliant and attractive.

			Per 10	Per 100	Per 1000
1040	12 to 18 in.		\$ 3.50	\$ 30.00	\$250.00
2400	18 to 24 in.		5.00	45.00	400.00
1000	2 to 3 ft.		6.00	55.00	500.00
300	3 to 4 ft.		7.50	70.00	650.00

suspensa fortunei. Fortune Weeping Forsythia. April. 8-9 feet. Zone 6.

A vigorous upright shrub with slightly drooping branches. Golden yellow flowers.

			Per 10	Per 100	Per 1000
150	12 to 18 in.		\$ 3.50	\$ 30.00	\$----
40	18 to 24 in.		5.00	45.00	-----
40	2 to 3 ft.		6.00	55.00	-----
100	3 to 4 ft.		7.50	70.00	650.00
190	4 to 5 ft.		9.00	85.00	800.00

suspensa sieboldii. Siebold Weeping Forsythia. April. 9 feet. Zone 6.

Bright yellow flowers are produced on very slender pendulous branches. Can be used to overhang wall or trained for a trellis. Branches root readily where they touch the ground.

140	12 to 18 in.		4.00	35.00	-----
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HAMAMELIS**virginiana. Common Witchhazel.** October. 15 feet. Zone 5.

Yellow ribbon like flowers borne on a bush covered with bright yellow fall foliage. Grows in partial shade and full sun.

300	9 to 12 in.		3.00	25.00	-----
700	12 to 18 in.		4.50	40.00	-----
480	18 to 24 in.		6.50	60.00	550.00
90	2 to 3 ft.		8.00	75.00	700.00

HIBISCUS**syriacus. Shrubby Althea.** August. 10-12 feet. Zone 6.

Large desirable shrub for specimen, group and screen planting.

12	to 18 in.		3.00	25.00	200.00
18	to 24 in.		4.00	35.00	300.00
2	to 3 ft.		5.00	45.00	400.00
3	to 4 ft.		6.50	60.00	550.00
		3/4'	2/3'	18/24"	12/18"

Anemone,	double pink		300	700	400
Ardens,	double purple		500	500	250
Boule de Feu,	double purplish-red		1000	1800	900
Jeanne d'Arc,	double white		--	160	300
Lucy,	semi-double rose		--	50	90

HYDRANGEA**arborescens grandiflora. Snowball Hydrangea.** July. 3-5 feet. Zone 4.

Upright, dense growing shrub with creamy white flowers in large rounded clusters about 6 inches in diameter. Easily grown, popular shrub particularly adapted to shade or semi-shade situations.

1150	12 to 18 in.		\$ 3.50	\$ 30.00	\$250.00
1600	18 to 24 in.		5.50	50.00	450.00
1090	2 to 3 ft.		6.50	60.00	550.00

macrophylla Nikko Blue. Nikko Blue Hydrangea. June. 9-10 feet. Zone 6.

Both hardy and beautiful. In alkaline soil the flowers are pink; in acid they are blue. To change alkaline soil into acid, use two tablespoons of aluminum sulphate to a gallon of water.

410	Medium		7.00	65.00	-----
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ORNAMENTAL SHRUBS—Continued**HYDRANGEA—Continued**

Per 10 Per 100 Per 1000

paniculata grandiflora. Peegee Hydrangea. August. 25 feet. Zone 4.

Enormous trusses of double white flowers changing in late Autumn to shades of pink and bronze. Responds to close pruning and fertilization.

600	12 to 18 in.	\$ 3.50	\$ 30.00	\$ 250.00
1200	18 to 24 in.	5.50	50.00	450.00
900	2 to 3 ft.	6.50	60.00	-----

HYPERICUM**kalmianum. Kalm St. Johnswort. July. 3 feet. Zone 5.**

Produces handsome bright yellow, single flowers to 1 inch in diameter. A low compact plant of neat habit.

30	9 to 12 in.	3.00	25.00	-----
80	12 to 15 in.	4.50	40.00	-----
200	15 to 18 in.	5.50	50.00	-----
900	18 to 24 in.	7.00	65.00	600.00

prolificum. Shrubby St. Johnswort. July. 3 feet. Zone 5.

Very shrubby and hardy. Small narrow leaves; dense plant, mounded in habit, and covered with continuous blooms of single bright yellow for several weeks at a time. Brown, lustrous smooth bark in winter.

60	12 to 15 in.	4.50	40.00	-----
200	15 to 18 in.	5.50	50.00	-----
600	18 to 24 in.	7.00	65.00	600.00
70	2 to 2½ ft.	8.50	80.00	-----

ILEX**verticillata. Black Alder. Winterberry. June. 9 feet. Zone 4.**

A deciduous holly. Bright red berries while leaves are still green and frequently remain until Christmas. Does well in damp areas.

100	12 to 18 in.	4.50	40.00	-----
140	18 to 24 in.	6.50	60.00	-----

KOLKWITZIA**amabilis. Beautybush. June. 10 feet. Zone 5.**

A tall, upright growing plant with arching branches providing ornamental interest the year around. Pink flowers similar to Weigela, are borne in profusion.

450	9 to 12 in.	3.50	30.00	-----
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LAGERSTROEMIA**indica. Common Crapemyrtle. August. 18-20 feet. Zone 7.**

Crinkled bright pink to red flowers to 1½ inches in diameter produced over a long period. Blooms on current years growth so heavy pruning can be practiced. Vigorous rounded habit. Available in the following color varieties.

18 to 24 in.	4.00	35.00	-----
2 to 3 ft.	5.00	45.00	-----

	2/3'	18/24"	12/18"
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Pink	230	300	50
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Purple	150	300	50
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Watermelon Red	700	2000	1500
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White	180	290	40
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ORNAMENTAL SHRUBS—Continued

LONICERA

Per 10 Per 100 Per 1000

maacki Podocarpa. Podocarpa Amur Honeysuckle. May. 15 feet. Zone 5.

Noteworthy for its retention of green leaves and bright red fruits in late fall. Produces fragrant white flowers.

70	12 to 18 in.	\$ 3.00	\$ 25.00	\$. . .
140	18 to 24 in.	4.00	35.00	. . .
90	2 to 3 ft.	5.00	45.00	. . .
100	3 to 4 ft.	6.50	60.00	. . .

morrowi. Morrow Honeysuckle. May. 6 feet. Zone 4.

Noted chiefly for its dense, moundlike habit of growth. Produces white flowers changing to yellow followed by dark red berries.

120	12 to 18 in.	3.00	25.00	. . .
660	18 to 24 in.	4.00	35.00	300.00
450	2 to 3 ft.	5.00	45.00	400.00
400	3 to 4 ft.	6.50	60.00	550.00

tatarica alba. White Tatarian Honeysuckle. May. 8-10 feet. Zone 3.

Flowers of pure white are followed by red berries. Upright, neat habit.

560	12 to 18 in.	3.00	25.00	. . .
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tatarica Bride (grandiflora). May. 8-10 feet. Zone 4.

Pink flowering, upright growing Honeysuckle. Abundance of pink flowers and red fruit.

290	12 to 18 in.	3.00	25.00	. . .
60	18 to 24 in.	4.00	35.00	. . .

tatarica rosea. Rosy Tatarian Honeysuckle. May. 8-10 feet. Zone 3.

Excellent blooms of rosy pink outside and light pink inside. An abundance of red berries.

1800	12 to 18 in.	3.00	25.00	200.00
1200	18 to 24 in.	4.00	35.00	300.00

zabeli. Zabel Honeysuckle. May. 7 feet. Zone 5.

An improved strain of the species. True deep pink flowers almost appear red in early bloom. Outstanding in flowers, fruit and hardiness.

3100	12 to 18 in.	3.00	25.00	200.00
300	18 to 24 in.	4.00	35.00	300.00
2500	2 to 3 ft.	5.00	45.00	400.00

PHILADELPHUS

coronarius. Sweet Mockorange. May. 9 feet. Zone 5.

Old fashioned sweet-scented Mockorange. Free flowering and vigorous. Single white flowers 1-1½ inches in diameter. Excellent for dry situations.

830	12 to 18 in.	3.00	25.00	200.00
500	18 to 24 in.	4.50	40.00	350.00
600	2 to 3 ft.	5.50	50.00	450.00
490	3 to 4 ft.	7.00	65.00	600.00

grandiflorus. Big Scentless Mockorange. June. 9 feet. Zone 5.

Produces clusters of scentless white flowers to 1¾ inches in diameter. Habit of branches somewhat straggling.

250	12 to 18 in.	3.00	25.00	. . .
270	18 to 24 in.	4.50	40.00	. . .

lemoinei. Lemoine Mockorange. May-June. 4-5 feet. Zone 6.

Free flowering semi-dwarf variety. Sweet scented.

210	12 to 18 in.	3.50	30.00	. . .
560	18 to 24 in.	5.00	45.00	400.00

ORNAMENTAL SHRUBS—Continued

PHILADELPHUS—Continued

Per 10 Per 100 Per 1000

lemoinei Belle Etoile. June. 6 feet. Zone 6.

Single, fragrant, pure white flowers have a slight purple tinge deep in throat when first open and of 2-2½ inches in diameter. Not considered hardy north of southern Iowa.

290	12 to 18 in.	-----	\$ 4.50	\$ 40.00	\$ -----
540	18 to 24 in.	-----	5.50	50.00	450.00
730	2 to 3 ft.	-----	7.00	65.00	600.00

lemoinei Innocence. June. 8 feet. Zone 6.

One of the most fragrant varieties. The long arching branches are completely covered with large alabaster-white single blooms. Fragrance is more delicate yet more penetrating than Jasmine.

130	12 to 18 in.	-----	4.50	40.00	-----
260	18 to 24 in.	-----	5.50	50.00	-----

virginalis. Virginal. June. 6-8 feet. Zone 6.

Widely grown and distributed, double flowering, fragrant Mockorange. Flowers are large, 2 inches in diameter and appear intermittently through the summer.

1600	12 to 18 in.	-----	3.50	30.00	250.00
300	18 to 24 in.	-----	5.00	45.00	400.00
350	2 to 3 ft.	-----	6.00	55.00	500.00

virginalis Bouquet Blanc. June. 6 feet. Zone 6.

Single white flowers, 1 inch in diameter, over a mound-like plant.

150	12 to 18 in.	-----	4.50	40.00	-----
60	18 to 24 in.	-----	5.50	50.00	-----

virginalis Glacier. June. 5 feet. Zone 6.

Double white flowers to 1½ inch in diameter, on a neat well formed plant.

90	12 to 18 in.	-----	4.50	40.00	-----
150	18 to 24 in.	-----	5.50	50.00	-----

PHYSOCARPUS

opulifolius. Common Ninebark. May-June. 9 feet. Zone 3.

Very hardy and vigorous. Does well in most any soil. Small white flowers in clusters. Attractive reddish color fruits turn brown when mature and remain on plant all winter. Bark shreds on larger plants during the winter.

80	18 to 24 in.	-----	4.50	40.00	-----
200	2 to 3 ft.	-----	5.50	50.00	-----
360	3 to 4 ft.	-----	7.00	65.00	-----

opulifolius nanus. Dwarf Ninebark. June. 4-5 feet. Zone 3.

A particularly valuable, hardy, dwarf shrub of dense habit. Excellent facing plant, hedging material. Smaller, less lobed dark green leaves. Flowers and capsules similar to species.

200	12 to 18 in.	-----	3.50	30.00	-----
60	2 to 3 ft.	-----	5.50	50.00	-----
300	3 to 4 ft.	-----	7.00	65.00	-----

POTENTILLA

fruticosa Lemon Drop. May-Sept. 4 feet. Zone 5.

A sturdy, hardy shrub producing lemon yellow blooms over an extremely long season.

80	9 to 12 in.	-----	4.00	35.00	-----
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PRUNUS

cistena. Purple-leaf Sand Cherry. May. 7 feet. Zone 2.

Valued especially for its colorful foliage; however, produces blackish purple cherries following small white flowers.

60	9 to 12 in.	-----	3.50	30.00	-----
600	12 to 18 in.	-----	4.50	40.00	-----

ORNAMENTAL SHRUBS—Continued

PRUNUS—Continued

Per 10 Per 100 Per 1000

glandulosa. Doubleflowering Pink Almond. May. 4½ feet. Zone 5.

A beautiful shrub for foundation or border. Before leaves appear, it bears an abundance of small double pink flowers closely set on twigs. One of the best of all ornamental flowering shrubs.

2000	12 to 18 in.	\$ 4.00	\$ 35.00	\$ 300.00
3000	18 to 24 in.	5.50	50.00	450.00
5000	2 to 3 ft.	6.50	60.00	550.00

tomentosa. Manchu Cherry. April. 9 feet. Zone 2.

Excellent shrub producing white flowers tinged with pink just before the leaves. Edible fruit are scarlet cherries, $\frac{1}{2}$ inch in diameter.

120	9 to 12 in.	2.00	18.00	
170	12 to 18 in.	3.00	25.00	

tomentosa Orient. April. 9 feet. Zone 2.

Large shrub, vigorous and productive. Origin is Minnesota Fruit Breeding Farm. Fruit one-half inch in diameter, bright red. Flesh is meaty, juicy, and of pleasant flavor. Ripens early in July. Excellent jelly fruit. Budded plum.

40	3 to 4 ft.	11.00	100.00	-
200	4 to 5 ft.	14.00	125.00	1100.00
50	5 to 6 ft.	16.00	150.00	

triloba. Flowering Plum. April. 15 feet. Zone 6.

Known as the "Rose Tree of China." One of the finest shrubs. Completely covered with pink rose-like flowers during April and May.

200	12 to 18 in.	4.00	35.00	
80	18 to 24 in.	6.50	60.00	

RHODOTYPOS

scandens. Black Jetbead. May. 6 feet. Zone 6.

Four petal white flowers are followed by shiny black berries which remain on the plant all winter. Fine facing shrub and works into border well.

120	12 to 18 in.	4.00	35.00	-
120	18 to 24 in.	6.00	55.00	
60	2 to 3 ft.	7.50	70.00	

RHUS

aromatica. Fragrant Sumac. May. 3-4 feet. Zone 4.

An excellent shrub of dense habit to use in front of larger plants or on banks. Small yellowish flowers are followed by scarlet fruit. Scarlet fall foliage. Very hardy and a rapid grower.

400	12 to 18 in.	4.50	40.00	350.00
1060	18 to 24 in.	5.50	50.00	450.00
710	2 to 3 ft.	7.00	65.00	600.00
35	3 to 4 ft.	8.50	-	-

glabra. Smooth Sumac. July. 15 feet. Zone 2.

Small greenish flowers followed by bunches of crimson berries which hang on into the winter. Bright red autumn foliage.

200	9 to 12 in.	2.50	20.00	
170	12 to 18 in.	3.50	30.00	

SALIX

purpurea Dwarf. Dwarf Purpleosier Willow. March. 9 feet. Zone 5.

One of the better in the species with dense habit, fine leaves and purple twigs in winter. Suited to moist situations, hedges and borders.

600	9 to 12 in.	2.50	20.00	
2300	12 to 15 in.	3.00	25.00	200.00
2360	15 to 18 in.	3.50	30.00	250.00
900	18 to 24 in.	4.00	35.00	300.00
240	2 to 2½ ft.	4.50	40.00	350.00
90	2½ to 3 ft.	5.50	50.00	

ORNAMENTAL SHRUBS—Continued

SAMBUCUS

Per 10 Per 100 Per 1000

canadensis aurea. Golden American Elder. June. 12 feet. Zone 4.

Produces strikingly colorful foliage and flat clusters of white flowers followed by edible blue black fruit.

270	9 to 12 in.	\$ 3.00	\$ 25.00	\$ -----
240	12 to 18 in.	4.00	35.00	-----
60	18 to 24 in.	5.00	45.00	-----
60	2 to 3 ft.	6.50	60.00	-----
60	3 to 4 ft.	8.00	75.00	-----

SPIRAEA**albiflora. Japanese White Spirea. July. 1½ feet. Zone 5.**

Dense, compact, low shrub covered with clusters of white flowers in July.
770 9 to 12 in. 3.50 30.00 250.00

arguta. Garland Spirea. May. 5-6 feet. Zone 5.

The most free-flowering and showy of the early Spireas. Flat clusters of pure white flowers on arching branches. Useful specimen and in border.

70	12 to 18 in.	3.00	25.00	200.00
140	18 to 24 in.	4.50	40.00	350.00
200	2 to 3 ft.	5.50	50.00	450.00

billardi. Billard Spirea. June. 6 feet. Zone 5.

Produces pyramidal spikes of bright rose flowers. Forms a dense mass of growth.

750	9 to 12 in.	2.00	18.00	150.00
2300	12 to 18 in.	3.00	25.00	200.00
3700	18 to 24 in.	4.50	40.00	350.00
1500	2 to 3 ft.	5.50	50.00	450.00

bumalda Anthony Waterer. June. 2 feet. Zone 5.

Flat clusters of bright crimson flowers to 6 inches in diameter and produced over a period of several weeks.

		Per 10	Per 100	Per 1000
2300	9 to 12 in.	\$ 3.00	\$ 25.00	\$ 200.00
4100	12 to 15 in.	4.00	35.00	300.00
4500	15 to 18 in.	5.00	45.00	400.00
1800	18 to 24 in.	6.00	55.00	500.00
600	2 to 2½ ft.	7.50	70.00	650.00

bumalda Froebel. Frobel Spirea. June. 2-3 feet. Zone 5.

A very hardy, vigorous spreading plant producing bright pink flowers. Young foliage has purplish tips. Autumn coloration reddish bronze.

		Per 10	Per 100	Per 1000
620	9 to 12 in.	\$ 3.00	\$ 25.00	\$ 200.00
800	12 to 18 in.	4.00	35.00	300.00
2000	18 to 24 in.	4.50	40.00	350.00
2500	2 to 2½ ft.	5.50	50.00	450.00
2000	2½ to 3 ft.	6.50	60.00	550.00

ORNAMENTAL SHRUBS—Continued**SPIREA—Continued**

Per 10 Per 100 Per 1000

japonica coccinea. Redflowering Japanese Spirea. July. 4 feet. Zone 5.

Similar in growth and habit to Anthony Waterer Spirea but much clearer and richer coloring. Foliage shows little fading to magenta.

150 18 to 24 in.....	\$ 6.50	\$ 60.00	\$.
150 2 to 2½ ft.....	8.00	75.00	.

margaritae. Margarita Spirea. June. 4 feet. Zone 5.

Hybrid cross of japonica and superba. Small bright rose flowers in flat clusters 3 to 6 inches in diameter. Responds well to slight early spring pruning.

160 9 to 12 in.....	3.00	25.00	
200 12 to 15 in.....	4.00	35.00	
190 15 to 18 in.....	5.00	45.00	

thunbergi. Thunberg Spirea. May. 5 feet. Zone 4.

Low growing shrub with slender branches. Early pure white flowers in clusters. Fine textured foliage turns to orange and yellow in fall.

420 9 to 12 in.....	2.00	18.00	150.00
2470 12 to 18 in.....	3.00	25.00	201.00
2500 18 to 24 in.....	4.50	40.00	350.00
2260 2 to 3 ft.....	5.50	50.00	450.00
170 3 to 4 ft.....	6.50	60.00	550.00

vanhouttei. Vanhoutte Spirea. May. 6 feet. Zone 4.

Profuse white flower clusters, gracefully arching branches and general dependability maintain a valued reputation for the Vanhoutte. Excellent for flowering hedge, border and shrub mass.

	Per 10	Per 100	Per 1000
200 12 to 18 in.....	\$ 2.50	\$ 22.00	\$200.00
6000 18 to 24 in.....	3.50	32.00	300.00
7000 2 to 3 ft.....	4.50	40.00	350.00

SYMPHORICARPOS**albus. Common Snowberry. June. 6 feet. Zone 4.**

Per 10 Per 100 Per 1000

Attractive green foliage. Pink flowers. Large white fruit in clusters in autumn.

130 12 to 18 in.....	\$ 3.00	\$ 25.00	\$200.00
200 18 to 24 in.....	3.50	30.00	250.00
2200 2 to 3 ft.....	4.00	35.00	320.00

orbiculatus. Indiancurrant Coralberry. July. 5-6 feet. Zone 2.

Hardy shrub producing small yellowish-white flowers. Important for the clusters of coral red berries in fall and winter.

50 12 to 18 in.....	3.00	25.00	200.00
200 18 to 24 in.....	3.50	30.00	250.00

ORNAMENTAL SHRUBS—Continued

SYRINGA

Per 10 Per 100 Per 1000

chinensis. Chinese Lilac. May. 15 feet. Zone 5.

Commonly called Rothomagensis. An upright shrub with arching branches and rich purple flowers. Very good for general planting because of its free blooming qualities and hardiness.

1300	12 to 18 in.	\$ 4.00	\$ 35.00	\$300.00
1140	18 to 24 in.	5.00	45.00	400.00
2400	2 to 3 ft.	6.00	55.00	500.00
360	3 to 4 ft.	7.00	65.00	600.00

josikaea. Hungarian Lilac. June. 12 feet. Zone 3.

Violet flowers in terminal panicles to 7 inches long. Glossy green foliage. Adaptable to clipping.

290	9 to 12 in.	3.00	25.00	---
320	12 to 18 in.	4.00	35.00	300.00
350	18 to 24 in.	5.00	45.00	400.00
650	2 to 3 ft.	6.00	55.00	500.00
180	3 to 4 ft.	7.50	70.00	650.00

villoso. Late Lilac. June. 9 feet. Zone 2.

Panicles of delicate pink flowers. Dense dark green foliage. Valued for its dense, upright habit and late profuse flowers. One of the hardiest of all lilacs.

100	9 to 12 in.	3.00	25.00	---
380	12 to 18 in.	4.00	35.00	300.00
260	18 to 24 in.	5.00	45.00	400.00
440	2 to 3 ft.	6.00	55.00	500.00
450	3 to 4 ft.	7.50	70.00	650.00

vulgaris alba. White Common Lilac. May. 20 feet. Zone 3.

A vigorous shrub with clusters of single white flowers among the attractive green foliage.

2080	9 to 12 in.	2.00	18.00	150.00
2300	12 to 18 in.	3.50	30.00	250.00

vulgaris purpurea. Common Lilac. May. 20 feet. Zone 3.

A hardy, attractive shrub with large clusters of purplish flowers.

3270	9 to 12 in.	2.00	18.00	150.00
5000	12 to 18 in.	3.50	30.00	250.00
900	18 to 24 in.	4.50	40.00	350.00
3100	2 to 3 ft.	5.50	50.00	450.00
1560	3 to 4 ft.	7.00	65.00	600.00

vulgaris, Hybrids and Horticultural Varieties. May. 15 feet. Zone 4.

OWN ROOT. These Lilacs have been grown from layers and root cuttings or grafted on California Privet and thus are largely on their own root. The California Privet either dies out or is cut out as a storage process.

These marvelous products of selection are rapidly becoming the most popular flowering shrubs because they are used as specimens, ornamental clumps, screens, and for hedges.

9 to 12 in.	3.50	30.00	---
12 to 18 in.	4.50	40.00	---
18 to 24 in.	6.50	60.00	---
2 to 3 ft.	8.50	80.00	---

2/3' 18/24" 12/18" 9/12"

Belle de Nancy, double pink	—	—	—	900
Charles X, single magenta	—	—	600	3600
Macrostachya, single pink	—	—	—	100
Mme. Casimir Perier, double white	—	—	40	120
President Grevy, double blue	400	400	2300	1050
Ruhm von Horstenstein, single magenta	—	—	—	420
Vivian Morel, double lilac	—	—	—	360
Waldeck-Rousseau, double pink	—	370	700	80

TAMARIX**hispida Summer Glow. July. 8 feet. Zone 6.**

Per 10 Per 100 Per 1000

The finest variety we have ever seen. Lacy, silvery-blue foliage. Tyran rose flowers in spikes all summer. Good in dry soil, sun or part shade.

2300	9 to 12 in.	\$ 2.50	\$ 20.00	\$180.00
2050	12 to 18 in.	3.50	30.00	250.00

ORNAMENTAL SHRUBS—Continued

VIBURNUM

Per 10 Per 100 Per 1000

***dentatum.* Arrowwood Viburnum. June. 15 feet. Zone 3.**

Attractive foliage. Flat clusters of white flowers are followed by blue-black fruit. Glossy red fall foliage. Strong, rapid grower.

460	12 to 18 in.	\$ 4.00	\$ 35.00	\$300.00
960	18 to 24 in.	5.00	45.00	400.00
1200	2 to 3 ft.	6.00	55.00	500.00
740	3 to 4 ft.	8.00	75.00	700.00
460	4 to 5 ft.	10.00	90.00	850.00

***lantana.* Wayfaringtree Viburnum. May. 15 feet. Zone 3.**

Produces white flowers in flat clusters followed by bright red berries that turn black in fall when foliage becomes red.

400	9 to 12 in.	3.00	25.00	200.00
340	12 to 18 in.	4.00	35.00	300.00
1000	18 to 24 in.	5.00	45.00	400.00

***lentago.* Nannyberry Viburnum. May. 30 feet. Zone 3.**

Shiny green leaves and a splendid purplish red autumn color rate this Viburnum as an excellent background or screen plant. Flat clusters of white flowers are followed by black berries valuable as winter bird food.

380	12 to 18 in.	4.00	35.00	300.00
1120	18 to 24 in.	5.00	45.00	400.00
2300	2 to 3 ft.	6.00	55.00	500.00
1000	3 to 4 ft.	8.00	75.00	700.00
550	4 to 5 ft.	10.00	90.00	850.00

***molle.* Kentucky Viburnum. June. 12 feet. Zone 3.**

White flowers in long stemmed clusters to 3 inches across. Blue-black fruit.

70	12 to 18 in.	4.00	35.00	-----
140	18 to 24 in.	5.00	45.00	-----
160	2 to 3 ft.	6.00	55.00	-----
160	3 to 4 ft.	8.00	75.00	-----

***opulus.* European Cranberrybush. May. 12 feet. Zone 3.**

Smooth, light gray branches. White flowers in flat clusters are followed by red berries. Fruit is effective both in fall and winter.

1000	9 to 12 in.	3.00	25.00	200.00
1700	12 to 18 in.	4.00	35.00	-----
1340	18 to 24 in.	5.50	50.00	450.00

***prunifolium.* Blackhaw Viburnum. May. 15 feet. Zone 3.**

Large shrub or can be grown as small tree with single trunk. White flowers in flat clusters. Blue-black berries about largest of any Viburnum have been popular for preserves since colonial times. Fine for either specimen or mass planting.

60	15 to 18 in.	5.00	45.00	-----
80	18 to 24 in.	6.50	60.00	-----
110	2 to 2½ ft.	8.00	75.00	-----

***sieboldi.* Siebold Viburnum. May. 30 feet. Zone 5.**

Lustrous dark green, 6 inch leaves on a large shrub with very desirable branching habit. Foliage red in fall. Creamy white flowers in flat clusters. Berries bright red on red stems for several weeks, then turning black. Fine specimen plant.

230	9 to 12 in.	3.00	25.00	200.00
40	12 to 18 in.	4.00	35.00	300.00
50	18 to 24 in.	5.50	50.00	-----

***tomentosum.* Doublefile Viburnum. May. 8 feet. Zone 5**

White flowers in flat heads followed by bright red berries that turn to blue-black. Horizontal branching habit. Dull red autumn foliage.

120	9 to 12 in.	3.00	25.00	-----
180	12 to 18 in.	4.00	35.00	-----

ORNAMENTAL SHRUBS—Continued**WEIGELA****Bristol Ruby. May. 5 feet. Zone 5.**

Per 10 Per 100 Per 1000

Large soft ruby-red flowers produced on a shapely, erect plant. Vigorous and hardy.			
320 12 to 18 in.....	\$ 4.00	\$ 35.00	\$300.00
500 18 to 24 in.....	5.50	50.00	450.00
1200 2 to 3 ft.....	6.50	60.00	550.00
1210 3 to 4 ft.....	8.50	80.00	750.00

florida. Oldfashioned Pink Weigela. May. 6-8 feet. Zone 5.

Very popular. Displays beautiful, showy pink flowers.

560 12 to 18 in.....	3.50	30.00	---
520 18 to 24 in.....	4.50	40.00	---
1240 2 to 3 ft.....	5.50	50.00	450.00
280 3 to 4 ft.....	7.00	65.00	600.00

Newport Red. (Vaniceki) May. 6 feet. Zone 4.

New ruby-red, recommended for its hardiness and its habit of growth. Neat, well-formed plant.

240 12 to 18 in.....	4.00	35.00	---
60 18 to 24 in.....	5.50	50.00	---
200 2 to 3 ft.....	6.50	60.00	---
400 3 to 4 ft.....	8.50	80.00	---

wagneri Abel Carriere. May. 6 feet. Zone 5.

Red flowers. Good bloomer.

70 18 to 24 in.....	6.00	-----	-----
180 2 to 3 ft.....	7.00	-----	-----

wagneri Eva Rathke. May. 5 feet. Zone 5.

Brilliant crimson flowers borne in profusion on a spreading shrub.

1050 12 to 18 in.....	3.50	30.00	250.00
800 18 to 24 in.....	5.00	45.00	400.00
900 2 to 3 ft.....	6.00	55.00	500.00

wagneri Henderson. May. 8 feet. Zone 4.

Very hardy. Produces light crimson flowers in abundance.

260 12 to 18 in.....	4.00	35.00	300.00
60 18 to 24 in.....	5.50	50.00	450.00
350 2 to 3 ft.....	6.50	60.00	550.00
170 3 to 4 ft.....	8.50	80.00	-----

wagneri purpurea. May. Zone 5.

An attractive purple leaved shrub with pink flowers.

110 9 to 12 in.....	3.50	30.00	---
160 12 to 18 in.....	4.50	40.00	---
500 18 to 24 in.....	6.00	55.00	---
140 2 to 3 ft.....	7.50	70.00	---

wagneri Stelzner.

A graceful spreading Weigela producing dark rose trumpets.

210 12 to 18 in.....	4.50	40.00	350.00
40 18 to 24 in.....	6.00	55.00	500.00
30 2 to 3 ft.....	7.50	70.00	650.00
90 3 to 4 ft.....	9.00	85.00	-----

Vines

(Tied, 2 year No. 1, 10; 2 year Medium, 25 per bundle)

CELASTRUS

Per 10 Per 100 Per 1000

orbiculata. Oriental Bittersweet. June. 36 feet. Zone 5.

An excellent twining vine. Leaves are more rounded than *C. scandens* and fruits, which are yellow and red berries, are in small lateral clusters instead of large terminal clusters.

240 3 year, No. 1.....	\$ 4.50	\$ 40.00	\$ 350.00
600 2 year, No. 1.....	4.00	35.00	320.00
300 2 year, Medium.....	3.00	28.00	250.00

scandens. American Bittersweet. June. 20 feet. Zone 4.

Inconspicuous flowers. A tall vigorous climber, with bright green leaves and orange-yellow berries. Good for covering rocks, walls or lattice.

880 2 year, Medium.....	3.00	28.00	250.00
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CLEMATIS

tangutica. Golden Clematis. June. 9 feet. Zone 6.

Bright yellow blooms to 4 inches in diameter.

180 2 year, No. 1.....	7.00	65.00	.....
340 2 year, Medium.....	6.00	55.00	500.00

EUONYMUS

fortunei minimus. Baby Euonymus. Zone 6.

Slow growing dwarf evergreen with small leaves. Clings tightly to rough surfaces; excellent for covering low walls.

250 2 year, No. 1.....	6.50	60.00	.....
290 2 year, Medium.....	5.50	50.00	.....

fortunei radicans. Common Wintercreeper. 25 feet. Zone 6.

Evergreen foliage with leaves about 1 inch long. Grows rapidly. Excellent climbing vine or ground cover.

980 2 year, No. 1.....	6.50	60.00	550.00
250 2 year, Medium.....	5.50	50.00	450.00

LONICERA

heckrottii. Everblooming Honeysuckle. June. 30 feet. Zone 5.

A vinelike shrub, valued for its bright purple flowers that open with a deep yellow center. Blooms throughout the summer.

	Per 10	Per 100	Per 1000
310 3 year, No. 1.....	\$ 5.00	\$ 45.00	\$ 400.00
1800 2 year, No. 1.....	4.50	40.00	350.00
1900 2 year, Medium.....	4.00	35.00	300.00

heckrottii Gold Flame. June. 30 feet. Zone 5.

Per 10 Per 100 Per 1000

Blooms all summer. The showy flowers, borne in clusters, are red outside and a deep yellow inside. Very fragrant.

200 2 year, No. 1.....	\$ 4.50	\$ 40.00	\$
200 2 year, Medium.....	4.00	35.00	

sempervirens. Trumpet Honeysuckle. June. 50 feet. Zone 4.

Large coral-red trumpet shaped flowers and beautiful blue-green foliage especially recommend this vine. Blooms from June until frost.

150 3 year, No. 1.....	4.50	40.00	
80 2 year, No. 1.....	4.00	35.00	320.00
200 2 year, Medium.....	3.00	28.00	250.00

Hedging

Per 100 Per 1000

BERBERIS**thunbergi. Japanese Barberry. May. 5 feet. Zone 4.**

550	9 to 12 in. 2 year seedlings, branched.....	\$ 8.50	\$ 75.00
3600	12 to 18 in. 2 and 3 year seedlings, branched.....	11.00	100.00
2000	18 to 24 in. 2 and 3 year seedlings, branched.....	16.00	140.00

thunbergi atropurpurea. Redleaf Japanese Barberry. May. 6 feet. Zone 4.

300	9 to 12 in. 2 year seedlings, branched.....	11.00	100.00
3000	12 to 15 in. 2 and 3 year seedlings, branched.....	16.00	140.00
2700	15 to 18 in. 2 and 3 year seedlings, branched.....	21.00	180.00
15000	18 to 24 in. 2 and 3 year seedlings, branched.....	24.00	220.00

CARAGANA**arborescens. Siberian Peashrub. May. 15-20 feet. Zone 2-3.**

Per 100 Per 1000

7000	9 to 12 in.....	\$ 2.50	\$ 20.00
5200	12 to 18 in.....	3.50	30.00
3700	18 to 24 in.....	4.50	40.00
4700	2 to 3 ft.....	6.00	55.00
3500	3 to 4 ft.....	8.00	75.00

LIGUSTRUM**amurense. Amur River North Privet. June. 15 feet. Zone 4.**

Per 100 Per 1000

Produces white flowers in small spikes followed by dull, small black berries.			
2000	9 to 12 in., branched.....	\$ 8.50	\$ 75.00
1400	12 to 18 in., 2 canes and up.....	12.00	100.00
4300	12 to 18 in., 3 canes and up.....	14.00	120.00
6100	18 to 24 in., 2 canes and up.....	14.00	120.00
2800	18 to 24 in., 3 canes and up.....	16.50	140.00
400	2 to 3 ft., 2 and 3 canes and up.....	16.50	140.00
300	2 to 3 ft., 4 canes and up.....	21.00	180.00
330	3 to 4 ft., 4 canes and up.....	24.00	220.00

ovalifolium. California Privet. June. 15 feet. Zone 6.

Creamy white flowers in small clusters are followed by black berries.

8000	9 to 12 in., branched.....	8.50	75.00
7200	12 to 18 in., branched.....	12.00	100.00
1000	18 to 24 in., branched.....	14.00	120.00
3000	2 to 3 ft.....	16.50	140.00

vulgare Lodense. Lodense Privet. 2-3 feet. Zone 5.

Per 10 Per 100

A compact, dwarf form in demand over a wide area. Excellent hedge material.			
1000	6 to 9 in.....	\$ 1.50	\$ 12.00
300	9 to 12 in.....	2.00	16.00
700	12 to 15 in.....	2.50	22.00

LONICERA

Per 100 Per 1000

tatarica rosea. Rosy Tatarian Honeysuckle. May. 8-10 feet. Zone 3.

Flowers are rosy pink outside and light pink inside.

1800	9 to 12 in.....	\$ 8.50	\$ 75.00
300	12 to 18 in.....	11.00	100.00
1500	18 to 24 in.....	16.00	140.00
300	2 to 3 ft.....	21.50	190.00

HEDGING—Continued

Per 100 Per 1000

zabelii. Zabel Honeysuckle. May. 7 feet. Zone 4.

Generally accepted as the best of the improved strains of Red Honeysuckle. Prolific in berry. Tidy and hardy.

2200	9 to 12 in.		\$11.00	\$100.00
500	12 to 18 in.		16.00	140.00
2000	18 to 24 in.		21.50	190.00
2500	2 to 3 ft.		25.00	220.00

ROSA***multiflora. Japanese Rose. 10 feet. Zone 5.***

One of the most vigorous of all the rose species. Excellent ornamental hedge or thicket.

1000	No. 1, 3/16 to 1/4 in.		4.00	35.00
10000	No. 2, 2/16 to 3/16 in.		3.00	25.00
15000	No. 3, about 2/16 in.		2.10	18.00

wichuraiana. Wichura Rose. Memorial Rose. July. Zone 6.

Truly procumbent. Valuable ground cover. Single, white, 2 inch flowers.

5900	No. 1, 3/16 to 1/4 in.		4.50	40.00
45000	No. 2, 2/16 to 3/16 in.		3.50	32.00
15000	No. 3, about 2/16 in.		3.00	25.00

SPIRAEA***vanhouttei. Vanhoutte Spirea. May. 6 feet. Zone 4.***

Profuse white flower clusters, gracefully arching habit and general dependability make this one of the most valued hedging plants.

800	9 to 12 in.		8.50	75.00
500	12 to 18 in.		12.00	100.00
2000	18 to 24 in.		15.50	140.00

ULMUS***pumila. Siberian Elm.***

An excellent hedging material. "Lining Out Stock."

NOTE: *Lonicera heckrottii* makes a novel and attractive hedge when planted in rows and kept sheared. Blooms all summer. See "Vines" for further description and prices.

Lining Out Stock

Our liners are all carefully graded. The crooked and poor plants are discarded. We are confident that our stock will please you.

Tied: 3-4 ft. and up, 25; 2-3 ft. 50; 18-24 in. and smaller, 100 per bundle.

25 of each variety is a minimum order for potted liners.

ACER

Per 100 Per 1000

saccharinum. Silver Maple. 1 and 2 year seedlings.

9500	2 to 3 ft. 2 yr. slightly branched.....	\$ 7.00	\$ 60.00
1900	3 to 4 ft. 2 yr. slightly branched.....	10.00	90.00
400	4 to 5 ft. 2 yr. slightly branched.....	16.00	---

AMORPHA

fruticosa. Indigobush Amorpha.

2500	6 to 12 in.....	7.50	60.00
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CALLICARPA

dichotoma. Purple Beautyberry.

3200	6 to 12 in.....	7.50	60.00
2200	12 to 18 in.....	10.00	85.00
1900	18 to 24 in.....	12.50	100.00
1400	2 to 3 ft.....	16.50	150.00

CATALPA

Speciosa. Northern Catalpa.

1200	6 to 12 in.....	1.40	12.00
2200	12 to 18 in.....	2.50	20.00
700	18 to 24 in.....	3.50	30.00
4150	2 to 3 ft.....	4.00	35.00

CELASTRUS

orbiculatus. Oriental Bittersweet.

15000	6 to 12 in.....	7.50	60.00
10000	12 to 18 in.....	10.00	90.00

CELTIS

occidentalis. Common Hackberry.

200	18 to 24 in.....	4.50	---
1600	2 to 3 ft.....	6.50	60.00
500	3 to 4 ft.....	10.00	90.00

CERCIS canadensis. Eastern Redbud.

700	12 to 18 in.....	7.00	60.00
1000	18 to 24 in.....	12.00	100.00
3000	2 to 3 ft.....	16.00	140.00
2000	3 to 4 ft.....	20.00	180.00

CORNUS

alba sibirica. Siberian Dogwood.

450	6 to 12 in.....	4.50	35.00
2900	12 to 18 in.....	6.50	60.00
3650	18 to 24 in.....	8.50	80.00
2000	2 to 3 ft.....	11.00	100.00

racemosa. Gray Dogwood.

300	6 to 12 in.....	4.50	35.00
200	12 to 18 in.....	6.50	60.00
700	18 to 24 in.....	8.50	80.00
290	2 to 3 ft.....	11.00	100.00

LINING OUT STOCK—Continued**CORNUS—Continued**

		Per 100	Per 1000
stolonifera. Redosier Dogwood.			
1600 9 to 12 in.		\$ 4.50	\$ 35.00
4300 12 to 18 in.		6.50	60.00
800 18 to 24 in.		8.50	80.00

stolonifera flaviramea. Yellowtwig Redosier Dogwood.

2000 12 to 18 in.		6.50	60.00
3400 18 to 24 in.		8.50	80.00
1900 2 to 3 ft.		11.00	100.00

FRAXINUS**americana. White Ash.**

2200 6 to 12 in.		1.80	15.00
2400 12 to 18 in.		2.50	20.00

pennsylvanica lanceolata. Green Ash.

5000 6 to 12 in.		1.80	15.00
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quadrangulata. Blue Ash Seedlings.

1500 9 to 12 in.		4.00	35.00
2100 12 to 18 in.		5.00	45.00
2300 18 to 24 in.		6.50	60.00
2000 2 to 3 ft.		8.00	75.00

LIQUIDAMBER**styraciflua. American Sweetgum.**

1600 9 to 12 in.		9.00	75.00
4600 12 to 18 in.		12.00	100.00

MORUS**alba tatarica. Russian Mulberry.**

5800 18 to 24 in.		3.50	30.00
8700 2 to 3 ft.		4.50	40.00
3500 3 to 4 ft.		7.00	60.00

POPULUS**Lombardy Poplar. 1 year hardwood cuttings.**

2000 2 to 3 ft.		7.50	65.00
1400 3 to 4 ft.		10.00	90.00
8000 4 to 5 ft., lightly branched		14.00	120.00
8200 5 to 6 ft., lightly branched		21.00	180.00
1800 6 to 8 ft., lightly branched		28.00	240.00

QUERCUS**palustris. Pin Oak. 2 and 3 year seedlings.**

1000 3 to 4 ft.		33.00	300.00
500 4 to 5 ft.		45.00	425.00

LINING OUT STOCK—Continued

SALIX*alba tristis.* Niobe Willow.

		Per 100	Per 1000
2000	2 to 3 ft.	\$ 9.00	\$ 80.00
700	3 to 4 ft.	14.00	120.00

alba vitellina. Yellowstem White Willow.

1200	18 to 24 in.	4.50	40.00
3000	2 to 3 ft.	5.50	50.00
2400	3 to 4 ft.	8.50	75.00
600	4 to 5 ft.	11.00	100.00
300	5 to 6 ft.	16.00	140.00

blanda. Wisconsin Weeping Willow.

1700	2 to 3 ft.	9.00	80.00
3700	3 to 4 ft.	14.00	120.00
3500	4 to 5 ft.	16.50	150.00

SYRINGA*josikaea.* Hungarian Lilac. 2 year seedlings.

300	6 to 9 in. seedlings	4.00	35.00
300	9 to 12 in. seedlings	6.50	60.00

villosa. Late Lilac.

1700	6 to 9 in.	4.00	35.00
300	9 to 12 in.	6.50	60.00

vulgaris. Common Purple Lilac. 1 year seedlings.

3900	18 to 24 in. seedlings	8.50	75.00
1200	2 to 3 ft. seedlings	12.00	100.00

TAMARIX*hispida* Summer Glow.

This grade ideal for containers.

350	12 to 18 in. 1 cane	7.00	60.00
900	18 to 24 in. 1 cane	9.00	75.00

ULMUS*americana.* American Elm.

16900	6 to 12 in.	2.00	18.00
10000	12 to 18 in.	2.50	22.00

pumila. Chinese Elm. 1 and 2 year seedlings.

29300	6 to 12 in.	1.80	15.00
15000	12 to 18 in.	2.50	22.00
34000	18 to 24 in.	3.50	30.00
2000	2 to 3 ft.	4.50	40.00

VIBURNUM*dentatum.* Arrowwood. 1 year seedlings.

1000	6 to 9 in.	7.00	60.00
300	18 to 24 in.	16.00	140.00
400	2 to 3 ft.	20.00	180.00

ZELKOVA*serrata.* Japanese Keaki Tree.

700	9 to 12 in.	3.50	30.00
800	12 to 18 in.	4.50	40.00
1600	18 to 24 in.	5.50	50.00
500	2 to 3 ft.	7.00	65.00

Specimen Evergreens

PRICES include digging, **BALLED** and **BURLAPPED** by experienced personnel; however, **ALL EVERGREENS ARE SOLD WITH THE DISTINCT UNDERSTANDING THAT IF PLANTS ARRIVE IN GOOD CONDITION AND ARE ACCEPTED OUR RESPONSIBILITY CEASES.** We **DO NOT** guarantee survival.

WE INVITE inquiries for varieties and sizes not listed. Many items in nominal quantities of either size or variety are not listed herein.

ABIES

Per 10 Per 100

concolor. White Fir. 70-80 feet. Zone 3.

Large, gray-green needles on a symmetrical tree. Fine shape is held even when old.

15	2 to 2½ ft.	-----	\$35.00	\$..
10	2½ to 3 ft.	-----	45.00	-----

JUNIPERUS

chinensis mountbatten. Zone 4.

New columnar with silvery green foliage that holds its color well all winter.

30	18 to 24 in.	-----	35.00	325.00
190	2 to 2½ ft.	-----	42.50	400.00
65	2½ to 3 ft.	-----	47.50	450.00

chinensis pfitzeriana. Pfitzer Juniper. Zone 4.

Valuable natural spreading habit of growth.

100	15 to 18 in.	-----	27.50	250.00
3300	18 to 24 in.	-----	32.50	300.00
1300	2 to 2½ ft.	-----	37.50	350.00

chinensis pfitzeriana compacta. Zone 4.

Compact form of Pfitzer.

440	15 to 18 in.	-----	32.50	300.00
650	18 to 24 in.	-----	37.50	350.00

chinensis sargentii. Sargent Juniper. Zone 4.

Prostrate shrub with creeping stems.

120	12 to 15 in.	-----	27.50	250.00
300	15 to 18 in.	-----	32.50	300.00
140	18 to 24 in.	-----	37.50	350.00

chinensis sargentii Ames. Ames Juniper. Zone 4.

Broad upright plant, tapering to a pointed top.

200	18 to 24 in.	-----	37.50	350.00
200	2 to 2½ ft.	-----	45.00	425.00

chinensis Sargentii I-O-Ace. Zone 4.

Good green tapering upright with broad base.

35	18 to 24 in.	-----	37.50	350.00
75	2 to 2½ ft.	-----	45.00	425.00

chinensis sargentii Maneyi. Maneyi Juniper. Zone 4.

Prostrate variety that does well in shaded areas. Hardy.

75	2 to 2½ ft.	-----	45.00	425.00
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communis hibernica. Irish Juniper. Zone 2.

A dense, upright form of communis. Very symmetrical with glaucous green foliage.

375	18 to 24 in.	-----	15.00	125.00
90	2 to 3 ft.	-----	22.50	200.00
340	3 to 4 ft.	-----	30.00	275.00

SPECIMEN EVERGREENS—Continued

JUNIPERUS—Continued

Per 10 Per 100

horizontalis plumosa. Andorra Juniper. Zone 3.

Foliage more feathery and a lighter green than horizontalis. Turns pinkish to purple color in autumn and remains until new growth starts.

310 18 to 24 in.	\$32.50	\$300.00
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procumbens. Japgarden Juniper. Zone 6.

Spreading shrub to 2 feet high.

110 15 to 18 in.	35.00	325.00
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sabina. Savin Juniper.

Bushy, semi-upright growth; well covered with short, tufted, dark green foliage. Ideal for foundations, groups, or low borders.

70 12 to 15 in.	20.00	175.00
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760 15 to 18 in.	27.50	250.00
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100 18 to 24 in.	32.50	300.00
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scopulorum Blue Heaven.

An attractive, easily maintained silvery blue pyramid.

45 2½ to 3 ft.	47.50	-----
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15 3 to 3½ ft.	55.00	-----
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scopulorum Cologreen.

Light green foliage. Conical habit of growth.

75 2½ to 3 ft.	47.50	450.00
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scopulorum Moffeti.

Pyramidal habit with heavy base. Mixed green and silver foliage, more silver on tips of branches.

20 2 to 2½ ft.	42.50	-----
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155 2½ to 3 ft.	47.50	450.00
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scopulorum Pathfinder.

Compact pyramidal habit. Silvery-blue foliage.

360 2 to 2½ ft.	42.50	400.00
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210 2½ to 3 ft.	47.50	450.00
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scopulorum Welchi.

Of columnar habit and greenish silver color.

95 2 to 2½ ft.	42.50	400.00
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70 2½ to 3 ft.	47.50	450.00
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virginiana Burki. Zone 2.

Columnar growth habit and steel blue thick foliage. Responds to pruning.

100 2½ to 3 ft.	47.50	450.00
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virginiana Canaert. Zone 2.

Of columnar habit and greenish silver color.

50 2 to 2½ ft.	45.00	425.00
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270 2½ to 3 ft.	50.00	475.00
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virginiana Cupressifolia.

Resembles Canaerti in color and form but grows faster.

45 3 to 3½ ft.	55.00	525.00
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80 3½ to 4 ft.	62.50	600.00
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virginiana glauca. Zone 2.

Very blue-gray leaves.

200 2 to 2½ ft.	45.00	425.00
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virginiana Hill Dundee. Zone 2.

Broad, easily maintained pyramid. Gray green foliage turns plum color in fall.

50 2 to 2½ ft.	42.50	400.00
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70 2½ to 3 ft.	47.50	450.00
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SPECIMEN EVERGREENS—Continued**JUNIPERUS—Continued**

Per 10 Per 100

***virginiana* Keteleer. Zone 2.**

Compact pyramidal form with ascending branches and dark green scale-like foliage.

135 2½ to 3 ft.	- - - - -	\$47.50	\$150.00
170 3 to 3½ ft.	- - - - -	55.00	525.00
70 3½ to 4 ft.	- - - - -	62.50	600.00

PICEA***glauca densata*. Black Hills Spruce. 60 feet. Zone 2.**

Most compact, symmetrical, tall spruce. Green foliage with bluish tint.

40 15 to 18 in.	- - - - -	20.00	.
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PSEUDOTSUGA***taxifolia douglasii*. Douglas Fir. 70-80 feet.**

Hardy gray-green pyramid. Rapid grower.

70 2 to 2½ ft.	- - - - -	45.00	425.00
70 2½ to 3 ft.	- - - - -	55.00	525.00

THUJA***occidentalis globosa*. Globe Arborvitae. 3 feet. Zone 3.**

Popular globe type for sun or shade.

600 12 to 15 in.	- - - - -	15.00	125.00
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***occidentalis* Pyramidal. Pyramidal American Arborvitae. Zone 3.**

Foliage of rich green. Narrow, pyramidal habit.

370 18 to 24 in.	- - - - -	25.00	225.00
440 2 to 2½ ft.	- - - - -	30.00	275.00

R O S E S

All our roses are carefully grown, consistently sprayed and dusted during the growing season and dug only when thoroughly dormant. These roses are carefully graded and stored in our modern automatically controlled cold storage.

OUR ROSES ARE GUARANTEED TO PLEASE YOU

All roses are tied No. 1 and No. 1½, 10 per bundle.

WE DO NOT BREAK BUNDLES

Following the procedure of the American Rose Society, national ratings are given following the name: (9.1). The numeral following rating indicates relative height; 1 means low, 2 medium, 3 tall. Relative fragrance is indicated by the letter: S slightly fragrant, F moderate, V very fragrant.

TEA, HYBRID TEA AND EVERBLOOMING

	Per 10	Per 100	Per 1000
No. 1	\$ 6.50	\$ 60.00	\$550.00
No. 1½	5.25	47.50	425.00

RED SHADES

	No. 1	No. 1½
Charlotte Armstrong , (9.0) 3 F. Long pointed bud. Double spectrum-red to cerise blooms on long stems. Vigorous compact bush. -----	370	--
Christopher Stone , (8.1) 2 F. Vivid-scarlet, free blooming plant. -----	240	--
Crimson Glory , (9.1) 3 V. Large, double, deep velvety crimson with shadings. -----	1410	100
Etoile de Hollande , (8.1) 2 V. Bright red unfading bloom on upright stem. Free flowering. -----	800	90
Poinsettia , (7.6) 3 S. One of the most brilliant red roses ever produced. Poinsettia scarlet. Good grower and fine cut flower. Free bloomer. -----	600	50
Red Radiance , (7.9) 3 V. Bright rosy red, free blooming. -----	350	100

PINK SHADES

Editor McFarland , (7.1) 2 V. Large double, glowing pink blooms with slight yellow tinge. -----	900	80
Picture , (8.0) 2 S. Clear rose-pink. Large and double. -----	100	40
Pink Dawn , (7.1) 2 V. Deep rose-pink. Large and double. -----	80	-
Pink Radiance , (7.9) 3 V. Large rose-pink. Long stems. Dependable. -----	700	90
The Doctor , (7.6) 2 V. The buds are long and pointed; enormous blooms of satiny pink. -----	400	50

YELLOW SHADES

Joanna Hill , (7.1) 2 F. Double blooms of golden buff, yellow center. -----	400	40
McGredy's Yellow , (7.5) 2 S. Large, double flowers of bright buttercup yellow. -----	600	100
Soeur Therese , (7.5) 2 S. Double, rich yellow blooms. Bronze foliage. -----	200	75

ROSES—Continued**TEA, HYBRID TEAS AND EVERBLOOMING—Continued****TWO-TONED SHADES**

	No. 1	No. 1½
Comtesse Vandal , (7.5) 2 F. Long, pointed orange-copper buds. Large double blooms of salmon and coppery pink on storng stems.	200	50
Condesa de Sastago , (7.4) 3 F. Petal are coppery pink inside, golden reverse.	220	240
President Herbert Hoover , (7.7) 3 F. Varying orange shades with lighter outside petals. Double.	700	70
Talisman , (6.5) 3 F. Golden yellow and copper blooms on long stems.	150	60

WHITE SHADES

K. A. Viktoria , (6.7) 3 S. Very double, snowy white, lemon tinted center.	200	50
McGredy's Ivory , (7.2) 2 F. Ivory-white with yellow base. Glossy, dark foliage.	1300	160
Mme. Jules Bouche , (7.0) 2 F. White and pale blush center. Persistent bloomer.	330	90
Pedralbes , (7.4) 2 S. Cream turning to pure white. Large, double.	510	120
Rex Anderson , (6.9) 2 F. An outstanding exhibition rose of delicate lovely ivory-white. Flowers perfectly formed and slow opening. . . . .	..	80

DWARF POLYANTHA AND FLORIBUNDA ROSES

	Per 10	Per 100	Per 1000
No. 1	\$ 6.50	\$ 60.00	\$550.00
No. 1½	5.25	47.50	425.00

	No. 1	No. 1½
Alain , (7.7) 2 S. Medium sized semi-double flower of bright carmine red in clusters. Glossy dark foliage. Upright, bushy plant.	120	40
Dagmar Spaeth , (8.2) 2 F. Alabaster white, edged pink. . . . .	..	270
Eutin , (8.6) 2 S. Immense clusters of double, carmine-red flowers. Vigorous grower. Mildew resistant bush. Continuous bloomer.	220	90
King Boreas , (6.9) 2 F. Very double, pure yellow shading to nearly white. Recurrent bloomer. Hardy.	300	40
Lafayette Improved , (7.8) 2 S. Large flowers of bright Cherry-crimson.	420	80
Permanent Wave , (8.1) 3 S. Bright carmine, semi-double flowers in clusters. Edges of petals wavy.	200	90
Pinocchio , (7.8) 2 F. Blooms double, pink suffused salmon in long sprays.	300	40
World's Fair , (8.0) 2 F. Blooms in large clusters of deep crimson fading to scarlet.	500	40

ROSES—Continued**CLIMBERS AND RAMBLERS**

		Per 10	Per 100	Per 1000
Blaze, ()	Everblooming. An improved strain that blooms through-out the summer. Produces brilliant scarlet red flowers of large size.			
210	No. 1 -----	\$ 7.00	\$ 65.00	\$600.00
120	No. 1½ -----	6.00	55.00	500.00
City of York, (8.6)	F. Semi-double, creamy-white in clusters of 7 to 15. Very vigorous climber and blooms profusely.			
760	No. 1 -----	6.50	60.00	550.00
200	No. 1½ -----	5.50	50.00	450.00
Cl. American Beauty, (7.6)	V. Flowers rose-red on long stems in June.			
600	No. 1 -----	6.00	55.00	500.00
150	No. 1½ -----	5.00	45.00	400.00
Climbing Hybrid Tea				
No. 1 -----		7.00	65.00	600.00
No. 1½ -----		6.00	55.00	500.00
			No. 1 No. 1½	
Caledonia , Large double white.				170
Pink Radiance , Rose pink.			600	240
Red Radiance , Light red.			380	120
Talisman , Pink blend.			1200	400
			Per 10	Per 100
Doubleoons, (7.1)	F. Double, rich gold, fragrant flowers in clusters on strong stems.			Per 1000
510	No. 1 -----	\$ 6.50	\$ 60.00	\$550.00
70	No. 1½ -----	5.50	50.00	450.00
New Dawn, (8.8)	S. Fragrant blush pink flowers in clusters			
	Everblooming.			
240	No. 1 -----	6.50	60.00	550.00
560	No. 1½ -----	5.50	50.00	450.00
Paul's Scarlet, (9.1)	S. Large intense scarlet flowers borne in clusters, free-flowering and hardy.			
700	No. 1 -----	6.00	55.00	500.00
60	No. 1½ -----	5.00	45.00	400.00

ROSES—Continued**PATENTED ROSES**

We offer these roses under license from patent owner. It is understood and agreed that they are **FOR SALE AT RETAIL ONLY**, at or above prices specified. **PRICES ARE NET.**

SORRY, WE CANNOT ACCEPT ORDERS FOR BROKEN BUNDLES.

HYBRID TEA

		10-20 Each	20-100 Each	100-250 Each	250-up Each
Arlene Francis , (7.1) 2 F. Patent No. 1684. (Retails \$3.00 ea.; 3 or more \$2.65 ea.) Golden yellow 5 inch blooms average from 20 to 25 petals. Medium tall plant with good foliage. Prolific bloomer; hardy.	230 No. 1	\$1.65	\$ 1.50	\$ 1.40	\$ ----
	120 No. 1½	1.32	1.20	----	----
Aztec , (7.7) Patent No. 1648. (Retails \$2.75 ea.; 3 or more \$2.40 ea.) A vivid scarlet-orange beauty, with big, long-lasting, show-type flowers on a vigorous easily grown plant. Ovoid buds and double, high-centered blooms.	200 No. 1½	1.20	1.10	----	----
Blanche Mallerin , (7.1) 2 F. Patent No. 594. (Retails \$2.00 ea.; 3 or more \$1.75 ea.) Long shapely buds and beautifully molded blooms of pure satiny white are produced freely on a vigorous and upright bush. Sweetly fragrant.	700 No. 1	1.10	1.00	.95	.85
Capistrano , (7.4) 3 F. Patent No. 922. (Retails \$2.00 ea.; 3 or more \$1.75 ea.) Bright pink buds and blooms. Flowers are large and double, 6 inches. Leathery foliage on vigorous upright plant.	400 No. 1	1.10	1.00	.95	----
Chrysler Imperial , (8.8) 2 V. Patent No. 1167. (Retails \$2.50 ea.; 3 or more \$2.20 ea.) In color, CHRYSLER IMPERIAL is unmatched by any other red rose, its vivid, rich tones of crimson are enhanced by darker overtones of glowing oxblood red, and the gem-like luster of garnet in the folds retains its sparkling beauty. Long, tapering buds unfold even in adverse weather, opening to large high centered flowers measuring 4½ to 5 inches with 40 to 50 petals. These are borne on sturdy, medium long stems. The opening of each glorious rose is a thrilling spectacle of changing, iridescent shades of red. In growth, CHRYSLER IMPERIAL ROSE is compact and symmetrical. Its abundant, dark green, semi-glossy foliage gives the bush the appearance of a handsome garden shrub. A.A.R.S. award for 1953.	1600 No. 1	1.40	1.25	1.20	1.10
	600 No. 1½	1.12	1.00	.96	.88

ROSES—Continued**PATENTED HYBRID TEA—Continued**

		10-20 Each	20-100 Each	100-250 Each	250-up Each
Duet , () 2 S. Patent No. 1903. (Retails \$3.50 ea.; 3 or more \$3.10 ea.) Large urn shaped bud. Double high centered flower with light pink petals and dark pink or light red reverse. The blooms borne singly and several together have good lasting qualities. Leathery dark green foliage. Disease resistant. Vigorous upright plant. Profuse bloomer. A.A.R.S. Award 1961.					
200 No. 1	\$1.85	\$ 1.75	\$ 1.55	\$ 1.40	
540 No. 1½	1.48	1.40	1.24	1.12	
Forty-Niner , (6.8) 2 S. Patent No. 792. (Retails \$2.50 ea.; 3 or more \$2.20 ea.) Brilliantly hued bi-color that justly secured an A.A.R.S. award for 1949. Its contrasting colors are startling in their brilliance, and yet they blend together beautifully. Inside of petals is a vivid orient red, while the outside is a chrome yellow, changing to straw yellow. Colors are lasting and bright. The long bud opens to a well shaped bloom of 25 to 40 petals.					
600 No. 1	1.40	1.25	1.20	1.10	
300 No. 1½	1.12	1.00	.96	.88	
Fred Howard , (6.6) 2 S. Patent No. 1006. (Retails \$2.00 ea.; 3 or more \$1.75 ea.) Large, double bloom of golden orange with pink shadings. Strong, upright plant. Long blooming period.					
260 No. 1	1.10	1.00	.95	---	
40 No. 1½ . . . . .	.88	.80	---	---	
Gail Borden , (7.7) 2 F. Patent No. 1618. (Retails \$3.00 ea.; 3 or more \$2.65 ea.) Pink interior with apricot-yellow outside. Beautiful bud and flower form. Rugged, glossy foliage is disease resistant.					
220 No. 1	1.65	1.50	1.40	--	
300 No. 1½	1.32	1.20	1.12	---	
Garden Party , Patent No. 1814. (Retails \$3.00 ea.; 3 or more \$2.65 ea.) A.A.R.S. Award Winner for 1960. A cross between Charlotte Armstrong and Peace. Displays cream and ivory petals, delicately tinted with soft pink. The fully double blooms, opening from long, well shaped buds, often measure as much as seven inches across and are supported on long sturdy stems. The plant is vigorous and free branching, producing a continuous succession of flowers.					
260 No. 1	1.65	1.50	1.40	---	
800 No. 1½	1.32	1.20	1.12	1.04	
Golden Scepter , (7.3) 3 F. Patent No. 910. (Retails \$1.85 ea.; 3 or more \$1.65 ea.) Rare, new, unfading, golden-yellow; long, slender buds, large, high-centered. Won the highest Rose award in Holland.					
150 No. 1	1.05	.92½	---	---	

ROSES—Continued**PATENTED HYBRID TEA—Continued**

		10-20 Each	20-100 Each	100-250 Each	250-up Each
Helen Traubel , (8.7) 3 F. Patent No. 1028. (Retails \$2.75 ea.; 3 or more \$2.40 ea.) Named after one of the greatest of American Concert Artists. The color varies with the weather, sometimes a light sparkling pink, more often a luminous apricot. Its unusually large and long buds are magnificent and the half open flower and the glorious fully opened bloom display the lovely color in a most lavish way.					
620 No. 1	\$1.50	\$ 1.37½	\$ 1.30	\$ 1.20	
540 No. 1½	1.20	1.10	1.04	.96	
Katherine T. Marshall , (7.2) 3 S. Patent No. 607. (Retails \$1.85 ea.; 3 or more \$1.65 ea.) A rose of rare beauty and delicacy of form growing vigorously with large; open upright blooms of warm glowing pink, fruity fragrance. Perfect form and long stems.					
660 No. 1	1.05	.92½	.85	.80	
Kordes Perfecta , (7.8) Patent No. 1604. (Retails \$3.50 ea.; 3 or more \$3.10 ea.) Urn shaped buds open into flowers of 4 to 5 inches and 65 to 70 petals. Blooms are high-centered, very fragrant, cream tipped and then flushed crimson, suffused yellow. Long, strong stems. Dark, glossy foliage.					
500 No. 1	1.85	1.75	1.55	1.40	
290 No. 1½	1.48	1.40	1.24	1.12	
Love Song , (6.5) 2 V. Patent No. 1360. (Retails \$2.50 ea.; 3 or more \$2.20 ea.) Very double, beautifully formed rose of watermelon pink. Vivid yellow reverse. Upright plant with deep green waxy leaves.					
600 No. 1	1.40	1.25	1.20	1.10	
80 No. 1½	1.12	1.00			
Lowell Thomas , (7.7) 2 F. Patent No. 595. (Retails \$2.25 ea.; 3 or more \$2.00 ea.) Bud large, long-pointed; flower large, very double (35 to 40 petals), high centered, lasting. Clear canary-yellow on strong stem. Vigorous compact, bushy, plants; upright intermittent bloomer. A.A.R.S. award for 1944.					
200 No. 1½	1.00	.90	.84		
Mirandy , (7.7) 3 V. Patent No. 632. (Retails \$2.25 ea.; 3 or more \$2.00 ea.) First place winner of All-American rose competition of 1945. A strong free-branching plant producing large, long pointed ovoid buds of rich dark red with black shadings, opening to Chrysanthemum-red. The flower of 50 petals displays new beauties of form and is long lasting. Marvelously fragrant.					
650 No. 1	1.25	1.12½	1.05	.95	
120 No. 1½	1.00	.90			

ROSES—Continued**PATENTED HYBRID TEA—Continued**

		10-20 Each	20-100 Each	100-250 Each	250-up Each
Mojave, (7.4) 2 F. Patent No. 1176. (Retails \$2.75 ea.; 3 or more \$2.40 ea.) Slender bud opening into a blend of salmon, apricot and orange. A Charlotte Armstrong Cross that has many of its parents fine characteristics.					
800 No. 1 -----	\$1.50	\$ 1.37½	\$ 1.30	\$ 1.20	
390 No. 1½ -----	1.20	1.10	1.04	.96	
New Yorker, (8.0) 2 F. Patent No. 823. (Retails \$2.50 ea.; 3 or more \$2.20 ea.) Brilliant red, with color long lasting and sun-resistant. Plant is sturdy, upright and vigorous. The buds slowly open into very large flowers, often measuring 6½ inches across, of scarlet with rose red undertones and overlaid with rich velvety-sheen.					
450 No. 1 -----	1.40	1.25	1.20	1.10	
900 No. 1½ -----	1.12	1.00	.96	.88	
Nocturne, (8.1) 3 V. Patent No. 713. (Retails \$2.25 ea.; 3 or more \$2.00 ea.) Bright cardinal red with dark shadings of crimson. The large petals have good substance, are richly textured and the pleasantly fragrant flower is long lasting. Color is somewhat lighter and brighter during hot weather. A.A.R.S. award for 1948.					
470 No. 1 -----	1.25	1.12½	1.05	.95	
160 No. 1½ -----	1.00	.90	.84	---	
Peace, (9.6) 3 S. Patent No. 591. (Retails \$2.50 ea.; 3 or more \$2.20 ea.) Ovoid buds are golden-yellow etched with pink as they open; color changes from canary-yellow, pale golden, to iridescent cream. Petals are edged with apple-blossom-pink that deepens as the flowers slowly open to glorious 5 inch blooms. A.A.R.S. award for 1946.					
2900 No. 1 -----	1.40	1.25	1.20	1.10	
1900 No. 1½ -----	1.12	1.00	.96	.88	
Pink Peace, (7.3) Patent No. 1759. (Retails \$3.00 ea.; 3 or more \$2.65 ea.) Very fragrant and non-fading pink blooms are borne individually on long stems. The vigorous upright plant is quite generous with the 60-65 petal flowers. Disease resistant leathery leaves.					
200 No. 1½ -----	1.32	1.20	---	---	
Rubaiyat, (8.2) 3 V. Patent No. 758. (Retails \$1.85 ea.; 3 or more \$1.65 ea.) Shapely buds open to large, double flowers of rose-pink to cerise red. Plant is tall, hardy and disease resistant.					
200 No. 1 -----	1.05	.92½	.85	.80	
100 No. 1½ -----	.84	.74	.68	---	

ROSES—Continued**PATENTED HYBRID TEA—Continued**

		10-20 Each	20-100 Each	100-250 Each	250-up Each
Show Girl , (7.6) 2 F. Patent No. 646. (Retails \$2.25 ea.; 3 or more \$2.00 ea.) Perfectly formed buds of deep pink. Heavy textured petals and lasting quality of blooms make this one of the best pink roses for cutting. Long stems.					
900 No. 1 -----	\$1.25	\$ 1.12½	\$ 1.05	\$.95	
100 No. 1½ -----	1.00	.90	.84	.76	
Suspense , (..) Patent applied for. (Retails \$3.00 ea.; 3 or more \$2.65 ea.) Yellow buds opening to a good lasting bloom of Turkey red with outside of petals yellow-ochre. Flowers 6 inches across have 55 to 60 petals and a slight tea fragrance. Borne singly. Leathery glossy, dark green leaves. Upright bushy plant. Free, continuous bloom.					
130 No. 1 -----	1.65	1.50			
140 No. 1½ -----	1.32	1.20			
Sun Valley , (6.5) 2 V. Patent No. 1135. (Retails \$2.50 ea.; 3 or more \$2.20 ea.) Golden yellow flowers hold brilliant tone in open blooms and are borne profusely throughout the season on tall straight stems. Shining dark green foliage is disease resistant.					
290 No. 1 -----	1.40	1.25	1.20	1.10	
40 No. 1½ -----	1.12	1.00			
Sutters Gold , (8.1) 3 V. Patent No. 885. (Retails \$2.25 ea.; 3 or more \$2.00 ea.) Beautiful long-point, yellow bud, richly shaded with orange and red. Rich tea fragrance not found in any other yellow rose. The 24-petaled flowers are high centered and richly colored. A.A.R.S. award for 1950.					
800 No. 1 -----	1.25	1.12½	1.05	.95	
250 No. 1½ -----	1.00	.90	.84	.76	
Tallyho , (8.4) 3 V. Patent No. 828. (Retails \$2.25 ea.; 3 or more \$2.00 ea.) Ovoid buds open to large high centered double flowers with a spicy fragrance. The inside of the petals are old rose while the reverse side is brilliant crimson. The tall robust plants are very hardy. A.A.R.S. Award for 1949.					
230 No. 1 -----	1.25	1.12½	1.05		
170 No. 1½ -----	1.00	.90	.84		
Tiffany , (8.8) 3 V. Patent No. 1304. (Retails \$2.75 ea.; 3 or more \$2.40 ea.) Pointed buds of deep pink with golden shading at base, open to a phlox-pink bloom. Flowers are perfectly formed, double and have exceptional lasting qualities. Blooms are borne singly on long stems. Vigorous upright bush with dark green foliage. A.A.R.S. award for 1955.					
560 No. 1 -----	1.50	1.37½	1.30	1.20	
80 No. 1½ -----	1.20	1.10			

ROSES—Continued**PATENTED HYBRID TEA—Continued**

	10-20 Each	20-100 Each	100-250 Each	250-up Each
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Twilight, (6.1) 2 F. Patent No. 1434. (Retails \$2.75 ea.; 3 or more \$2.40 ea.) Double blooms in a pastel tint of lavender-lilac with silvery reverse. Flowers usually borne singly on 12 to 15 inch stems. The 20 to 24 inch plant has excellent foliage.

500 No. 1 -----	\$1.50	\$ 1.37½	\$ 1.30	\$ 1.20
870 No. 1½ -----	1.20	1.10	1.04	.96

White Knight, (7.2) Patent No. 1359. (Retails \$3.00 ea.; 3 or more \$2.65 ea.) First white hybrid tea ever awarded the A.A.R.S. honor. Superb form of both bush and flower. The satiny white blossoms hold their purity of color on long stems ideal for cutting. The 35 petals roll loosely outward achieving a stunning effect in the open flower. 1958 A.A.R.S. award winner.

900 No. 1 -----	1.65	1.50	1.40	1.30
850 No. 1½ -----	1.32	1.20	1.12	1.04

PATENTED CLIMBERS

C1. Blossomtime, (8.3) V. Patent No. 1240. (Retails \$2.50 ea.; 3 or more \$2.20 ea.) Flowers of hybrid tea form, light pink with deeper tones on the outside. Moderate climber. Profuse bloom all season.

260 No. 1 -----	1.40	1.25	1.20	----
290 No. 1½ -----	1.12	1.00	.96	----

C1. Crimson Glory, (8.3) V. Patent No. 736. (Retails \$2.75 ea.; 3 or more \$2.40 ea.) Produces an abundance of perfectly formed crimson colored blooms.

280 No. 1 -----	1.50	1.37½	----	----
90 No. 1½ -----	1.20	1.10	----	----

C1. Golden Showers, (7.4) F. Patent No. 1557. (Retails \$2.75 ea.; 3 or more \$2.40 ea.) Golden Showers is the first winter-hardy ever blooming pillar and climbing rose that actually blooms from early spring through to late fall. The buds and flowers are exquisitely shaped daffodil yellow, long pointed buds with fragrant, high centered, 25-30 petaled 3½ to 4 inch yellow open blooms. Almost thornless. Highly resistant to mildew and black spot. 1957 A.A.R.S. Award Winner.

780 No. 1½ -----	1.20	1.10	1.04	.96
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C1. Peace, (7.2) S. Patent No. 932. (Retails \$2.50 ea.; 3 or more \$2.20 ea.) Climbing form of the famous Hybrid Tea. Blooms lemon-yellow, edged rose-pink. Very dark glossy foliage.

690 No. 1 -----	1.40	1.25	1.20	1.10
120 No. 1½ -----	1.12	1.00	.96	----

ROSES—Continued**PATENTED FLORIBUNDA**

		10-20 Each	20-100 Each	100-250 Each	250-up Each
Baby Blaze , (7.6) Patent No. 1362. (Retails \$2.00 ea.; 3 or more \$1.75 ea.) A 1955 introduction which features dark red buds, opening to a rich velvety cherry-red color and only a few shades lighter when fully opened. Does not blue in any stage. Excellent for group plantings, foundation plantings and hedges. Flowers produced in large clusters of from 10 to 25 on a shoot. Vigorous grower, bushy, 3 feet.	270 No. 1½ -----		\$.88	\$.80	\$.76
Circus , (7.8) Patent No. 1382. (Retails \$2.50 ea.; 3 or more \$2.20 ea.) A.A.R.S. Award for 1956. The first Floribunda ever to win this award. Perfect urn-shaped buds of bright red and yellows, each color changing as the high-centered flower unfolds. Predominating color may be orange, then pink or gold, maturing a bright red. Mildly fragrant and of lasting substance making it fine for cutting. Plant is vigorous, medium low and compact with handsome foliage.	600 No. 1	1.40	1.25	1.20	
Fashion , (8.9) 2 F. Patent No. 789. (Retails \$2.00 ea.; 3 or more \$1.75 ea.) Brilliant coral-peach flowers open with wavy graceful petals. All season bloom, large clusters and singly. A.A.R.S. Award for 1950.	100 No. 1	1.10	1.00	.95	
	820 No. 1½	.88	.80	.76	.68
Fire King , () Patent No. 1758. (Retails \$2.50 ea.; 3 or more \$2.20 ea.) Tall growing floribunda with perfectly formed, brilliant vermillion flowers measuring from two to three inches across. Deep red buds open to brighter blooms of 45 to 50 petals, which form heavy clusters. Strong grower with dark green foliage. A.A.R.S. Award Winner 1960.	240 No. 1 -----		1.40	1.25	1.20
Fusilier , (7.8) Patent No. 1709. (Retails \$2.00 ea.; 3 or more \$1.75 ea.) Rich orange red of great brilliance which runs to a darker cherry red in the fall. Flowers are produced in heavy clusters. Petals of the large blooms are frilled. 1958 A.A.R.S. Award.	500 No. 1	1.10	1.00	.95	.85
	80 No. 1½	.88	.80		
Gold Cup , (7.1) Patent No. 1683. (Retails \$2.00 ea.; 3 or more \$1.75 ea.) Golden yellow blooms hold their color throughout life of the flower. Lovely fragrance. Glossy foliage. 1958 A.A.R.S. Award.	50 No. 1	1.10	1.00		
	290 No. 1½ -----	.88	.80	.76	.68

ROSES—Continued**PATENTED FLORIBUNDA—Continued**

		10-20 Each	20-100 Each	100-250 Each	250-up Each
Goldilocks , (7.3) 1 F. Patent No. 672. (Retails \$1.75 ea.; 3 or more \$1.55 ea.) Large double blooms of deep yellow borne in clusters on small bushy plant. Free bloomer.					
500 No. 1 -----	\$1.00	\$.87½	\$.80	\$.75	
90 No. 1½ -----	.80	.70	---	---	
Independence , (8.2) 2 F. Patent No. 1036. (Retails \$1.75 ea.; 3 or more \$1.55 ea.) Clusters of large double blooms of spectrum-red. Dark, glossy foliage on well branched plants.					
300 No. 1 -----	1.00	.87½	.80	.75	
40 No. 1½ -----	.80	.70	---	---	
Ivory Fashion , (8.0) Patent No. 1688. (Retails \$2.50 ea.; 3 or more \$2.20 ea.) Buds resemble those of a Hybrid Tea, and the high centered flower is almost 4 inches wide when open. The ivory color is set off by a suggestion of yellow in the bud stage and the petals hold well after opening. The plant achieves a height of some 30 inches. Bloom period is unusually long. 1959 A.A.R.S. Award.					
600 No. 1 -----	1.40	1.25	1.20	1.10	
60 No. 1½ -----	1.12	1.00	---	---	
Jiminy Cricket , (7.5) 2 V. Patent No. 1346. (Retails \$2.00 ea.; 3 or more \$1.75 ea.) Tangerine red buds opening to coral-orange. Bronze foliage turning to rich green. Vigorous grower ideal for hedges and borders. A.A.R.S. Award for 1955.					
90 No. 1 -----	1.10	1.00	---	---	
100 No. 1½ -----	.88	.80	---	---	
Little Darling , (8.5) 2 F. Patent No. 1581. (Retails \$2.25 ea.; 3 or more \$2.00 ea.) Red orange on the outside changing to rose pink tones with buttercup yellow at center. Fine for corsages. Tall, bushy plant. Reddish-green foliage.					
200 No. 1 -----	1.25	1.12½	1.05	---	
40 No. 1½ -----	1.00	.90	---	---	
Ma Perkins , (7.9) 2 V. Patent No. 1143. (Retails \$2.00 ea.; 3 or more \$1.75 ea.) Shades of red in the outer petals change to an open bloom of coral shell pink. A suffusion of yellow is present in all stages. Fragrant 25 petal blooms in clusters and singly all season.					
300 No. 1 -----	1.10	1.00	.95	.85	
90 No. 1½ -----	.88	.80	---	---	
Masquerade , (7.8) 3 S. Patent No. 975. (Retails \$2.00 ea.; 3 or more \$1.75 ea.) Bloom clusters of yellow, red, pink, lemon and orange, 25 to 30 blooms per stem. Golden yellow center bud in each cluster opens first becoming rose pink and deepening to red.					
180 No. 1 -----	1.10	1.00	.95	---	
40 No. 1½ -----	.88	.80	---	---	

ROSES—Continued**PATENTED FLORIBUNDA—Continued**

	10-20 Each	20-100 Each	100-250 Each	250-up Each
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Pinkie, (7.6) 1 S. Patent No. 712. (Retails \$2.00 ea.; 3 or more \$1.75 ea.) Medium size, semi-double flower of Neyron rose. Cupped blooms are borne in large trusses. Soft glossy foliage on a dwarf, bushy 2 foot plant. A.A.R.S. Award winner.

300 No. 1	\$1.10	\$ 1.00	\$.95	\$.85
80 No. 1½ .....	.88	.80	—	—

Red Pinocchio, (8.8) 2 F. Patent No. 812. (Retails \$1.75 ea.; 3 or more \$1.55 ea.) Masses of 3½ inch flowers in unfading clusters. Rich carmine; gradually deepens as blooms open. Vigorous; prolific bloomer.

790 No. 1	1.00	.87½	.80	.75
50 No. 1½ .....	.80	.70	—	—

Sarabande, () Patent No. 1761. (Retails \$2.50 ea.; 3 or more \$2.20 ea.) Semidouble blooms of unique scarlet orange and somewhat larger than those of most floribundas, bearing twelve to fifteen petals. Low growth habit and compact form make a suitable plant for hedges and border edgings. Blooms early and continuously throughout the season. A.A.R.S. Award Winner for 1960.

200 No. 1	1.40	1.25	1.20	—
140 No. 1½	1.12	1.00	.96	—

The Texan (7.9) 3 V. Patent No. 1471. (Retails \$2.25 ea.; 3 or more \$2.00 ea.) Fragrant rose red with yellow base. Double, medium sized flowers continuously in bloom. Dark green foliage.

320 No. 1	1.12	1.12½	1.05	.95
50 No. 1½	1.00	.90	—	—

Vogue, (8.2) 2 S. Patent No. 926. (Retails \$2.00 ea.; 3 or more \$1.75 ea.) Floribunda with its own unique brilliantly glowing cherry-coral color. Individual flowers three or four inches in diameter are Hybrid Tea shaped with perfect high centered form. They open slowly from a dark cherry ovoid bud to the delightful cherry-coral open flowers. Rich spicy fragrance. A.A.R.S. Award for 1952.

90 No. 1	1.10	1.00	—	—
130 No. 1½ .....	.88	.80	—	—

White Bouquet, (7.5) 2 F. Patent No. 1415. (Retails \$2.50 ea.; 3 or more \$2.20 ea.) First white floribunda to win A.A.R.S. award, 1957. Spicy fragrant flowers to 4 inches across in clusters and as individual flowers. Golden yellow stamens. Dark green foliage. 18 to 24 inches tall.

180 No. 1	1.40	1.25	1.20	—
60 No. 1½	1.12	1.00	—	—

ROSES—Continued

PATENTED GRANDIFLORA ROSES

The new Grandiflora class consists of varieties relatively tall in growth, free flowering, often with many flowers in clusters but with individual stems long enough for cutting. The flower, though not necessarily as large as Hybrid Teas, is larger than the average Floribunda but with the bud and flower form of the

Hybrid Tea. 10-20 20-100 100-250 250-up
Each Each Each Each

Buccaneer, (7.3) 3 F. Patent No. 1119. (Retails \$2.50

ea.; 3 or more \$2.20 ea.) Perfect long buds open to a very bright unfading yellow. Profuse bloomer.

500 No. 1½	\$1.12	\$ 1.00	\$.96	\$----
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Carrousel, (9.0) 3 F. Patent No. 1066. (Retails \$2.00 ea.; 3 or more \$1.75 ea.) Large double flowers of the Hybrid Tea class borne in clusters like a Floribunda. Continuous deep red flowers regardless of weather. Mildew resistant.

700 No. 1	1.10	1.00	.95	.85
180 No. 1½ .....	.88	.80	.76	----

June Bride, (7.5) 3 F. Patent No. 1770. (Retails \$2.50 ea.; 3 or more \$2.20 ea.) Fine pointed bud opens white tinged cream. Long lasting bloom both on bush and as cut flower. Does well in dry weather. Vigorous plant with excellent foliage.

660 No. 1	1.40	1.25	1.20	----
200 No. 1½	1.12	1.00	.96	----

Montezuma, (8.5) 3 S. Patent No. 1383. (Retails \$2.75 ea.; 3 or more \$2.40 ea.) Long buds of bright scarlet-orange slowly change to an attractive salmon-orange as large double blooms unfold. Flowers in long-stemmed clusters. Free blooming.

470 No. 1	1.50	1.37½	1.30	1.20
600 No. 1½	1.20	1.10	1.04	.96

Queen Elizabeth, (9.0) 3 F. Patent No. 1259. (Retails \$2.50 ea.; 3 or more \$2.20 ea.) Pure pink blooms of the hybrid tea type borne on long stems. Glossy deep green foliage. A.A.R.S. Award for 1955.

1130 No. 1	1.40	1.25	1.20	1.10
130 No. 1½	1.12	1.08	.96	----

Pink Parfait, () 3 F. Patent No. 1904. (Retails \$3.50 ea.; 3 or more \$3.10 ea.) Perfect buds and high centered blooms borne profusely on a robust plant, all ideal for cutting. Delicate pastel blends vary with the weather from salmon-buff at the heart of the flower to rich rose-pink at the tips of the petals. Disease resistant. A.A.R.S. Award 1961.

390 No. 1	1.85	1.75	1.55	1.40
1420 No. 1½	1.48	1.40	1.24	1.12

ROSES—Continued**PATENTED GRANDIFLORA ROSES—Continued**

	10-20	20-100	100-250	250-up
	Each	Each	Each	Each

Starfire, (8.1) Patent No. 1742. (Retails \$3.00 ea.; 3 or more \$2.65 ea.) Produces bright cherry-red blooms, both singly and in clusters, and is exceptionally hardy. Its growth is compact, and luxuriant bronze foliage sets off the blooms in a distinctive manner. 1959 A.A.R.S Award.

380 No. 1 -----	\$1.65	\$ 1.50	\$ 1.40	\$ 1.30
530 No. 1½ -----	1.32	1.20	1.12	1.04

BROWNELL SUB-ZERO HYBRID TEA

These plants from hardier species, Wichuraiana Hybrids, are reported by the originator as being equal in every way with the more tender Hybrid Teas. Many times longer lived even after sub-zero winters.

	10-20	20-100	100-250
	Each	Each	Each

Curly Pink, (7.8) 3 F. Patent No. 842. (Retails \$1.85 ea.; \$18.00 per doz.) Large, very double deep rose-pink blooms borne profusely on a dwarf compact bush with dark glossy foliage.

750 No. 1 -----	\$1.00	\$.90	\$.85
440 No. 1½ -----	.80	.72	.68

Lily Pons, () 3 F. Patent No. 420. (Retails \$1.85 ea.; \$18.00 per doz.) Large, high-centered, spectrum-yellow center shading to white on outer petals. Long strong stems. Glossy foliage. Vigorous, profuse bloomer.

240 No. 1 -----	1.00	.90	.85
170 No. 1½ -----	.80	.72	.68

Orange Ruffels, (6.2) 2 F. (Retails \$1.85 ea.; \$18.00 per doz.) Long pointed bud opening into a double, curled and frilled flower of orange shading to saffron yellow. Dark glossy foliage.

290 No. 1 -----	1.00	.90	.85
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Queen o' the Lakes, (7.6) 2 F. Patent No. 1003. (Retails \$1.85 ea.; \$18.00 per doz.) Large, double flowers of blood-red to carmine. Glossy foliage on a dwarf bushy plant.

120 No. 1 -----	1.00	.90	.85
140 No. 1½ -----	.80	.72	.68

V for Victory, (6.6) 3 V. Patent No. 543. (Retails \$1.85 ea.; \$18.00 per doz.) Long pointed buds open to double flowers of spectrum-yellow with red at center. Large glossy foliage on a vigorous bushy plant.

660 No. 1 -----	1.00	.90	.85
210 No. 1½ -----	.80	.72	.68

Peonies

The roots offered are strong 3/5 eye divisions, true to name, and from healthy 3 year old clumps.

Number after name of variety represents rating given it by the American Peony Society.

580	Felix Crousse , (8.4)	Brilliant crimson of even tone and silky lustre. Midseason.		
700	Francois Ortegat , (8.7)	Purplish crimson. Midseason.		
5600	Rachel , (7.9)	Rose type. Large double garnet flowers. Midseason.		
			Per 10	Per 100
	Above varieties		\$ 4.00	\$ 35.00
470	Mary Brand , (8.7)	Red with little trace of purple. Long lasting cut flower. Does not fade in sun. Midseason.	6.00	55.00

Hardy Perennial Plants

Our assortment of Hardy Perennials. Alpine and Rock Garden Plants includes a very select list of the newer varieties as well as indispensable old favorites.

We offer field grown, clean, well-rooted individual plants that are vigorous and free from disease.

Perennials are very perishable and should be shipped by express.

Perennials offered in this section are bare-root.

Per 10 Per 100

ACHILLEA, Milfoil or Yarrow

Filipendulina (Fernleaf Yarrow).	Golden floral heads during summer. Splendid for cutting and perennial border. 2 to 3 feet.	... \$ 1.80	\$ 15.00
Ptarmica, The Pearl (Sneezewort Yarrow).	Large double white blooms during summer. Fine for cutting and borders. 18 inches.	2.10	18.00

ALTHEA rosea. Hollyhock.

Garden favorites in separate colors. Double.

Pink, Red, White, Yellow		1.80	15.00
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ALYSSUM, Rock Madwort

Saxatile compactum, Goldentuft Alyssum.	Large clusters of bright yellow flowers in early spring. Fine for rockery or border.	2.10	18.00
	One of the best early yellows to use with Tulips. 12 inches.	1.80	15.00

AQUILEGIA, Columbine. May-June.

Chrysantha, best long-spurred golden yellow flowers, 2½ ft. Late.	2.10	18.00
Lavender and Blue Shades, long spurred flowers, 2 ft.	1.80	15.00
Rose Queen, rose with white corolla. 18 in.	1.80	15.00

ASTERS, HARDY — Starwort or Michaelmas Daisy. Sept.-Oct.

Beechwood Challenger, clear crimson-red, free-flowering. 3½ ft.	2.10	18.00
Blue Lagoon, new variety of Nova-Belgii type.	2.10	18.00
Mt. Everest, finest and best white. Very tall, well shaped, pointed pyramids, with an abundance of lateral growth, which flowers right down to the ground. Very small eye. 3 to 4 ft.	2.10	18.00

CHRYSANTHEMUMS

Orders for fall delivery will be filled with 1 year field grown dormant plants. For spring delivery, we reserve the right to supply well-finished heavily rooted 2½ inch pot plants.

		Per 10	Per 100
Algonquin, a very hardy variety with healthy foliage. Pure bright yellow flowers; large and double. Early.		\$ 1.80	\$ 15.00
Butterball, double, ball-like dark lemon yellow. Mid-August. 18 inch plant.		2.10	18.00

HARDY PERENNIAL PLANTS—Continued**CHRYSANTHEMUMS—Continued**

		Per 10	Per 100
Chippewa , double blooms of bright aster-purple. Hardy. Early.	\$ 2.10	\$ 18.00	
Courageous , large, double flowers to 3½ inches. Dark ruby-red Late.	2.10	18.00	
Early Harvest , double mahogany orange blooms for two months. Excellent cushion type. Early. 16 inches.	2.10	18.00	
Glacier , double blooms of pure glistening white. Compact plant. Early. 16 inches.	2.10	18.00	
Indiana , double blooms of rich velvety crimson shaded darker at center. Long stems. Late. 24 inches.	2.40	20.00	
Magnificent , unusual rosy cardinal blooms on a fine plant. Mid- season.	2.10	18.00	
Pink No. 1092 , lavender-pink upturned petals. Midseason. 18 in.	2.10	18.00	
Purple Star , bright dahlia purple flowers of star-like shape. Early. 2 feet.	2.10	18.00	
September Bronze , golden bronze pompon. Late. 12 inches.	2.10	18.00	
Violet , double purple, dahlia like blooms. University of Minnesota introduction. Late August. 20 inches.	2.10	18.00	
White Cloud , vigorous pure white with a touch of pink at the center. Midseason.	2.90	25.00	

CHRYSANTHEMUMS — CUSHIONS

A group of low-growing Mums, forming mounds of blooms reminding one of the old-fashioned Azalea. The plants grow from 12 to 18 inches high and have a spread of from 2 to 2½ ft. The flowers appear early in September and remain on plants over a long period.

		Per 10	Per 100
Bronze Cushion , double flowers in compact mounds of bronze and copper.	\$ 1.80	\$ 15.00	
Lipstick , bright mound of crimson-red flowers on compact plant. Mid-September. 15 in.	2.10	18.00	
Minnbronze , short bronze cushion. September 20.	3.00	25.00	
Minnpink , rose-pink double blooms on compact plant. Prolific and hardy. Mid-September. 12 in.	3.00	25.00	
Pink Cushion , masses of light pink flowers in broad mounds.	1.80	15.00	
Powder Puff , best of the whites. Ivory white blooms on plant often twice as wide as high. Early September. 12 in.	3.00	25.00	
Purple Cushion , perfectly shaped, round bushy plants covered with purplish rose flowers with deep wine centers.	2.40	20.00	
Red Cushion , a splendid improved early crimson red.	1.80	15.00	
White Cushion , double white flowers.	1.80	15.00	
Yellow Cushion , pure golden yellow blooms that last well.	1.80	15.00	

CHRYSANTHEMUM MAXIMUM, Shasta Daisy, June-July.

Alaska Supreme , shapely plants, large flowers. June-July.	1.20	10.00
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COREOPSIS, Tickseed

Mayfield Giant , large yellow blooms with firm, long stems. Fine cut flower. Good for background in perennial borders. 30 to 36 inches.	1.40	12.00
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HARDY PERENNIAL PLANTS—Continued

Per 10 Per 100

DICENTRA, Bleeding Heart.

<i>eximia</i> , pink flowers. Fern leaves.	\$ 2.10	\$ 18.00
<i>spectabilis</i> , an old-fashioned favorite; its long racemes of graceful heart shaped pink flowers are always attractive. 12 in.		
Undivided plants. 3 to 5 eye.	4.50	40.00

GAILLARDIA

Burgundy , rich wine-red; excellent for cutting. 18 to 24 inches.	1.80	15.00
Dazzler , large golden and maroon flowers on strong stems. 18 inches.	1.80	15.00

GYPSOPHILIA, Baby's Breath.

<i>paniculata</i> , pinkish white. July. 2 feet.	1.20	10.00
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HEMEROCALLIS, Day Lily.

Flava , clear lemon-yellow, sweet scented, profuse. June. 2½ ft.	1.40	12.00
Hyperion , popular yellow with very large slightly fragrant flowers. Prolific bloomer. Mid-July to August. 3 feet.	3.20	30.00

HEUCHERA, Coral bells.

Brizoides , coral-pink, very prolific. May. 12 in.	1.50	13.00
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IBERIS, Hardy Candytuft.

semperflorens , each plant is a sheet of white in May and June. Plants are dwarf, deep green foliage almost evergreen. 8 in.	1.40	12.00
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LILY-OF-THE-VALLEY (Convallaria majalis)

Very fragrant pure white bell-shaped flowers for shaded locations.		
Pips	.40	3.50
Clumps (10 pips each)	2.90	25.00

LYTHRUM

Morden Rose , a neat compact plant of abundant dark green foliage. Rich rose red blooms in spikes to 4 feet.	3.50	30.00
The Beacon , for small border or large mass planting. The long lasting clear deep carmine-red flowers on large spikes are truly a beacon that adds sparkle and interest to the garden. Thrives equally well in wet semi-shade and open, dry sun. July to frost.	2.10	18.00

HARDY PERENNIAL PLANTS—Continued**PHLOX — Paniculata**

All varieties of Phlox are offered Field Grown; they have been twice transplanted, are vigorous and well developed.

	Per 10	Per 100
Adonis , scarlet crimson. Tall.	\$ 2.50	\$ 20.00
Antoinette Six , unusually large heads of pure white.	1.80	15.00
Border Queen , a fine gleaming rich pink.	1.80	15.00
B. Symone Jenne , large heads of clear pink.	2.10	18.00
Charles Curtis , brilliant sunset red. 2½ ft. Color does not fade.	2.10	18.00
Lillian , pure pink without any trace of magenta or rose. Very large florets. Blooms profusely.	1.80	15.00
Pink Charm , dwarf watermelon pink.	2.10	18.00
Pinkette , large florets of soft delicate pink.	2.10	18.00
Prime Minister , pure white and distinct crimson eye.	1.80	15.00
Progress , superb light blue, handsomely set off with deeper purple blue eyes, extremely large flower heads with 1¼ to 2 inch florets. Rich, dark green foliage. 2½ feet.	2.10	18.00
World Peace , pure white flowers are produced on strong sturdy stems. A vigorous grower with dark green glossy foliage. One of the best white.	2.50	20.00

PHLOX, subulata, Moss or Mountain Pinks.

Blue Emerald Cushion , a fine blue upon a mat of excellent emerald foliage.	2.10	18.00
Emerald Cushion , a new variety producing a mass of pure pink blooms. Plant is very compact and sturdy. Foliage is greenest of all creeping Phlox.	2.10	18.00
May Snow , an extremely free flowering pure white variety of neat habit. Delicate and pure. Height 6 inches.	2.10	—
Moerheimi , an excellent Dutch introduction producing angel pink flowers in spring.	2.10	—

PLATYCODON, Balloon Flower. June and July. 18 inch. Blue and Pink.

1.40 12.00

PYRETHRUM, Painted Daisy. May-June. 18 in.

hybridum roseum , soft pink and rose shades, single.	1.40	12.00
Robinsons Dark Crimson , flowers crimson scarlet and immensely large. Strong long stems and very free flowering.	2.10	18.00

SALVIA (Sage)

officinalis , edible, especially valuable for seasoning. 2 ft.	1.20	10.00
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SCABIOSA, Pincushion Flower.

House's Hybrids , large flowering shades of blue and lavender. 2 feet.	2.10	18.00
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TEUCRIUM, Germander

Chamaedrys , popular perennial hedge plant. Readily maintained to a height of 12 inches. Glossy, evergreen foliage.	2.50	22.50
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TRITOMA, Red Hot Poker

Springtime, upper part of flower is rich coral-red, lower half is ivory-yellow. Fine for cutting. Blooms early July to October. Hardy. 3 feet.	2.40	20.00
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YUCCA FILAMENTOSA

Creamy-yellow. 6 foot. This plant with its broad sword-like evergreen foliage is indispensable in landscape work. It can be used either for lawn or rockery and stands out among all other plants. June-July. 1 yr. seedlings.	1.40	12.00
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HARDY PERENNIAL PLANTS—Continued**MEXICAN TUBEROSES**

This is the best of all Tuberoses. Single flowering and very fragrant.
Blooms July and August.

	Per 10	Per 100	Per 1000
No. 1 -----	\$.80	\$ 7.50	\$ 65.00

Lilies**Domestic Grown**

Per 10 Per 100

tenuifolium (Coral Lily) Narrow-leaved; deep scarlet, waxy re-
curved flowers. June. 15 in.

No. 1 -----	\$ 1.00	\$ 8.00
No. 2 -----	.70	6.00



THE NEW PLANT HARDINESS ZONE MAP

All plants zoned in this list are in accordance with the above map.
 Issued in May 1960 by the United States Department of Agriculture and the Agricultural Research Service.

— NOTES —

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